

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089741.D
 Acq On : 17 Aug 2016 4:03
 Operator : UM/SJ
 Sample : PB92811BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Manual Integrations
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 8/17/2016 6:43:08 PM

Quant Time: Aug 17 13:11:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	737013	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3081241	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1438976	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	2766115	20.00	ng	0.01
75) Chrysene-d12	13.87	240	2073956	20.00	ng	-0.02
86) Perylene-d12	15.35	264	2039921	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	4029599	91.22	ng	0.01
7) Phenol-d6	6.34	99	5343170	95.10	ng	0.01
23) Nitrobenzene-d5	7.27	82	3337701	66.14	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1402060	100.72	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5743739	64.05	ng	0.00
78) Terphenyl-d14	12.81	244	5240760	75.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	589624	25.86	ng	100
3) Pyridine	2.94	79	1747027	29.73	ng	94
4) n-Nitrosodimethylamine	2.89	42	743655	31.53	ng	90
6) Aniline	6.36	93	1903183	25.20	ng	98
8) 2-Chlorophenol	6.48	128	1622802	30.89	ng	99
9) Benzaldehyde	6.24	77	330031	8.86	ng	85
10) Phenol	6.35	94	2407352	34.42	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	1771938	34.20	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1719785	30.62	ng	97
13) 1,4-Dichlorobenzene	6.72	146	1814874	31.90	ng	96
14) 1,2-Dichlorobenzene	6.87	146	1562185m	28.80	ng	
15) Benzyl Alcohol	6.84	79	1247854	33.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2002167	29.45	ng	93
17) 2-Methylphenol	6.96	107	1422594	34.08	ng	99
18) Hexachloroethane	7.21	117	651576	31.25	ng	# 85
19) n-Nitroso-di-n-propylamine	7.13	70	1266388	34.42	ng	92
20) 3+4-Methylphenols	7.12	107	1643265	30.74	ng	# 77
22) Acetophenone	7.12	105	2097404	29.28	ng	# 94
24) Nitrobenzene	7.29	77	1862024	32.80	ng	# 86
25) Isophorone	7.53	82	3135307	31.05	ng	97
26) 2-Nitrophenol	7.60	139	806693	30.20	ng	# 74
27) 2,4-Dimethylphenol	7.66	122	1714329	33.86	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	1934434	31.53	ng	97
29) 2,4-Dichlorophenol	7.85	162	1410365	33.46	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1427449	31.55	ng	99
31) Naphthalene	8.01	128	4624993	33.44	ng	96
32) Benzoic acid	7.78	122	1045756	26.57	ng	# 85
33) 4-Chloroaniline	8.06	127	1231871	19.25	ng	# 87
34) Hexachlorobutadiene	8.14	225	757736	31.88	ng	99
35) Caprolactam	8.43	113	502865m	38.71	ng	
36) 4-Chloro-3-methylphenol	8.55	107	1437838	31.34	ng	94
37) 2-Methylnaphthalene	8.70	142	3117662	33.12	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1048315	22.66	ng	98
40) Hexachlorocyclopentadiene	8.87	237	1516937	73.58	ng	96

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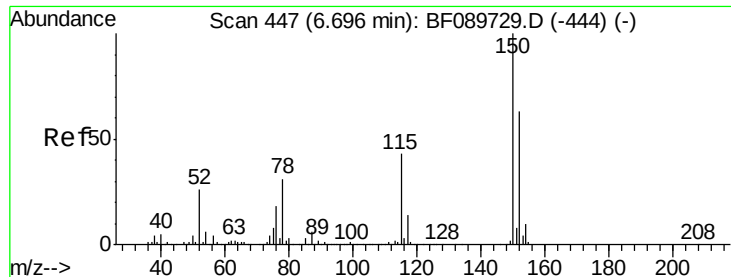
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1072616	35.89	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	916249	32.16	nq	# 90
45) 1,1'-Biphenyl	9.16	154	3116085	26.15	nq	99
46) 2-Chloronaphthalene	9.19	162	2842904	31.83	nq	98
47) 2-Nitroaniline	9.28	65	879362	32.32	nq	94
48) Acenaphthylene	9.60	152	4261327	31.00	nq	97
49) Dimethylphthalate	9.47	163	3274867	31.45	nq	99
50) 2,6-Dinitrotoluene	9.53	165	767201	32.56	nq	92
51) Acenaphthene	9.77	154	3142758	33.88	nq	99
52) 3-Nitroaniline	9.69	138	586070	21.39	nq	97
53) 2,4-Dinitrophenol	9.80	184	865204	82.15	nq	# 67
54) Dibenzofuran	9.94	168	3929344	34.42	nq	99
55) 4-Nitrophenol	9.86	139	1602290	76.01	nq	95
56) 2,4-Dinitrotoluene	9.93	165	1026129	33.87	nq	# 66
57) Fluorene	10.28	166	2763052	29.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	860001	38.65	nq	# 97
59) Diethylphthalate	10.18	149	3622516	34.31	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	1317210	29.09	nq	96
61) 4-Nitroaniline	10.31	138	829048	31.16	nq	95
62) Azobenzene	10.44	77	3829015	38.38	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	484475	30.16	nq	75
65) n-Nitrosodiphenylamine	10.41	169	2926425	33.71	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	971438	33.91	nq	# 92
67) Hexachlorobenzene	10.83	284	1060447	33.30	nq	# 90
68) Atrazine	10.94	200	827486	31.47	nq	97
69) Pentachlorophenol	11.03	266	1290512	65.05	nq	99
70) Phenanthrene	11.25	178	4803017	35.33	nq	94
71) Anthracene	11.29	178	4177327	29.41	nq	96
72) Carbazole	11.45	167	4722445	35.09	nq	96
73) Di-n-butylphthalate	11.79	149	4904529	29.96	nq	97
74) Fluoranthene	12.42	202	4346849	31.82	nq	92
76) Benzidine	12.55	184	1438958	19.33	nq	99
77) Pyrene	12.65	202	4723962	34.81	nq	93
79) Butylbenzylphthalate	13.30	149	2443406	35.89	nq	88
80) Benzo(a)anthracene	13.86	228	4235608	35.15	nq	98
81) 3,3'-Dichlorobenzidine	13.84	252	1352531	30.81	nq	# 93
82) Chrysene	13.91	228	3795861	35.00	nq	95
83) Bis(2-ethylhexyl)phthalate	13.89	149	3264481	36.23	nq	# 98
84) Di-n-octyl phthalate	14.56	149	5076823	36.25	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	3410776	36.92	nq	99
87) Benzo(b)fluoranthene	14.96	252	3670211m	28.39	nq	
88) Benzo(k)fluoranthene	14.99	252	3831137m	36.01	nq	
89) Benzo(a)pyrene	15.29	252	3498266	32.78	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	2840739	33.81	nq	99
91) Benzo(g,h,i)perylene	17.04	276	2815351	32.92	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

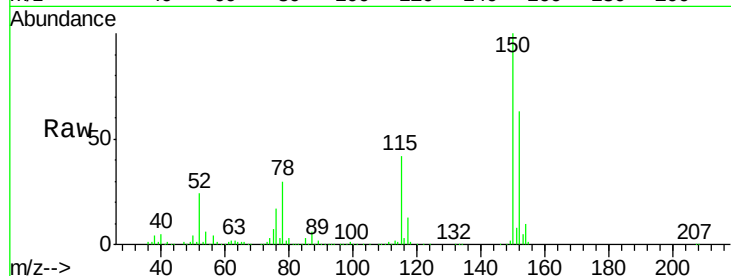
ClientSampleId :

PB92811BS

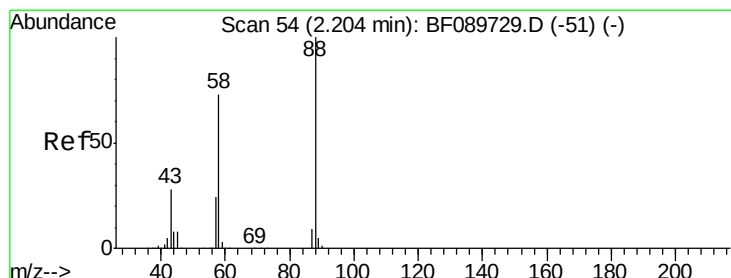
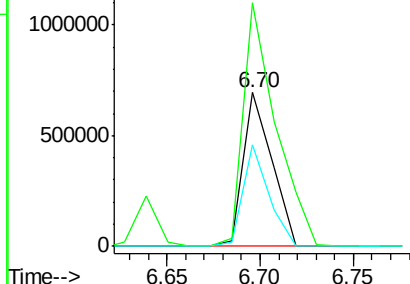
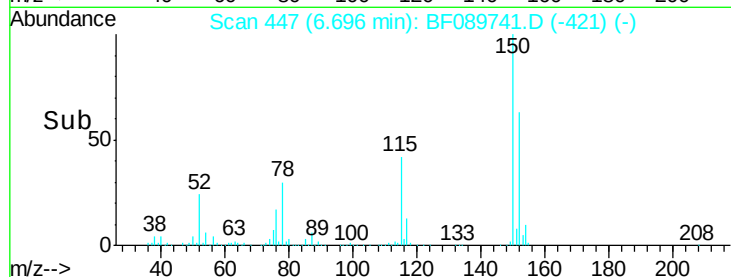
Tot Ion:	152	Resp:	737013
Ion Ratio	Lower	Upper	
152	100		
150	158.3	125.3	187.9
115	66.4	40.9	61.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.86 ng

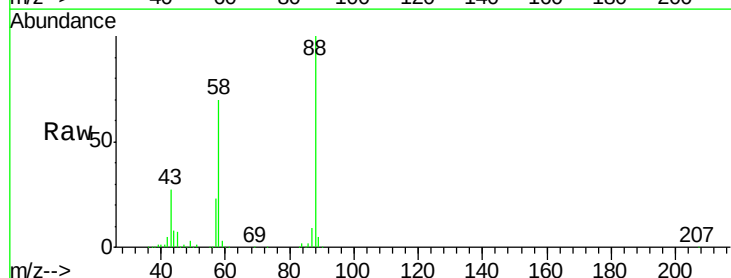
RT: 2.30 min Scan# 62

Delta R.T. 0.09 min

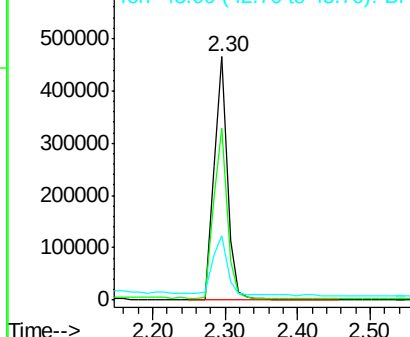
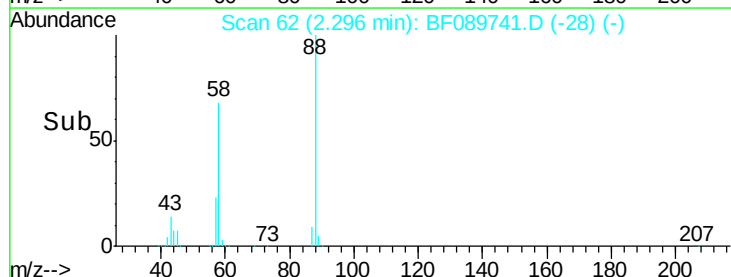
Lab File: BF089741.D

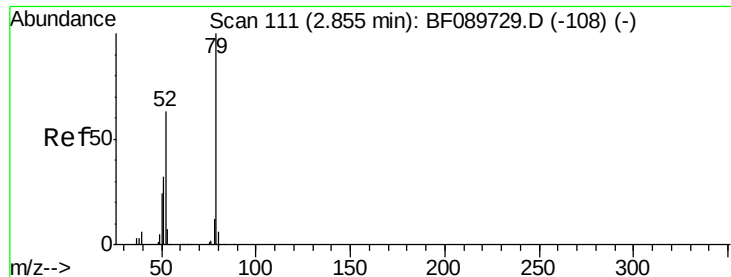
Acq: 17 Aug 2016 4:03

Tgt Ion:	88	Resp:	589624
Ion Ratio	Lower	Upper	
88	100		
58	71.6	57.0	85.4
43	27.4	21.8	32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.73 ng

RT: 2.94 min Scan# 118

Delta R.T. 0.08 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tot Ion: 79 Resp: 1747027

Ion Ratio Lower Upper

79 100

52 61.0 53.6 80.4

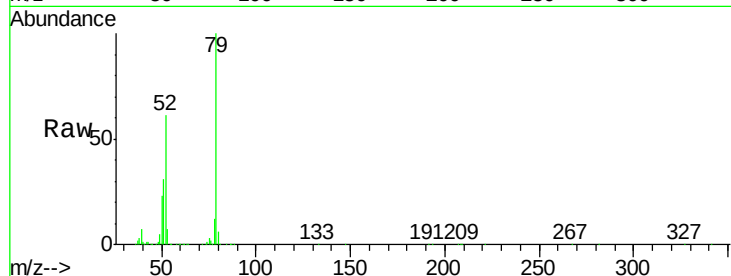
51 31.2 26.6 39.8

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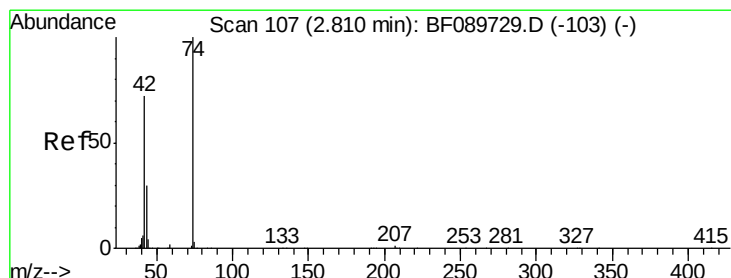
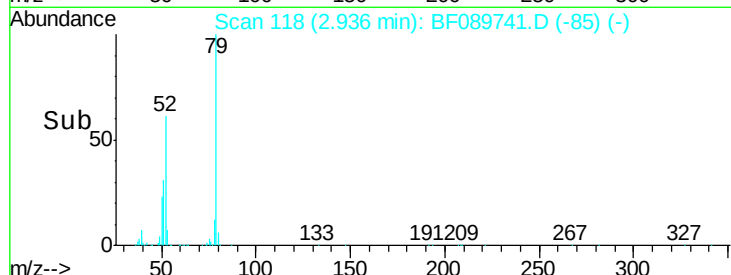
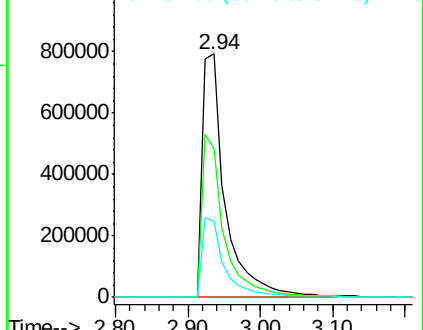
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.53 ng

RT: 2.89 min Scan# 114

Delta R.T. 0.08 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tgt Ion: 42 Resp: 743655

Ion Ratio Lower Upper

42 100

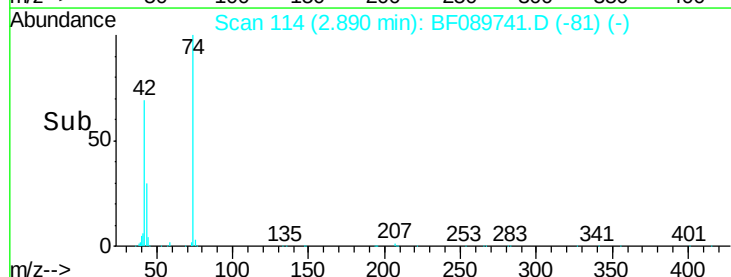
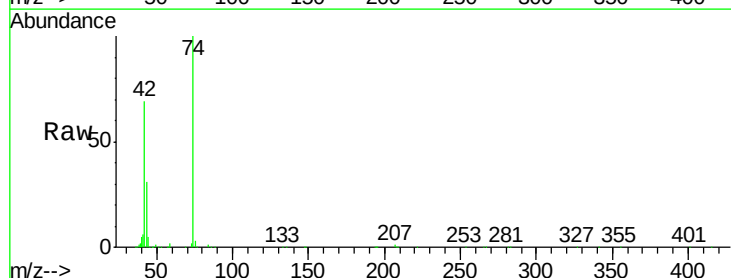
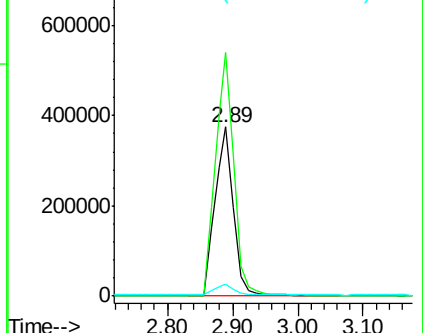
74 144.3 106.2 159.2

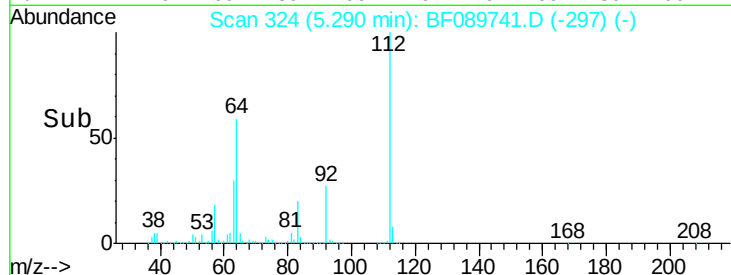
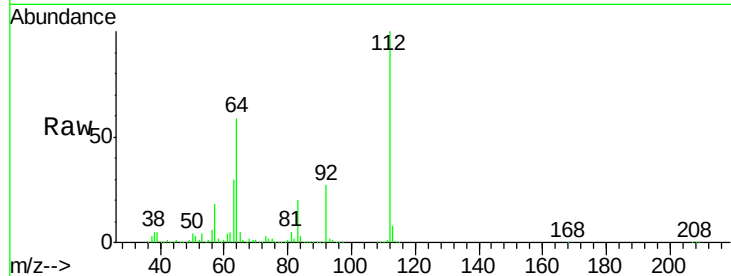
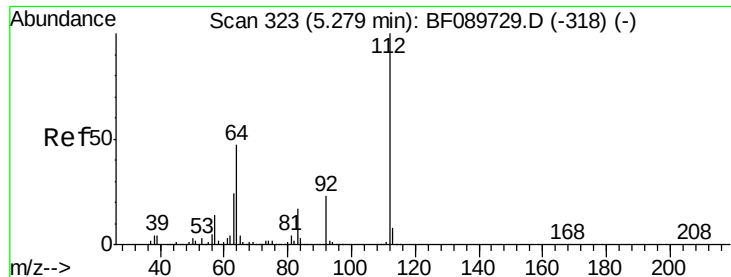
44 7.0 6.9 10.3

Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 91.22 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tot Ion:	112	Resp:	4029599
Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.0	67.4
63	30.4	23.1	34.7

Instrument :

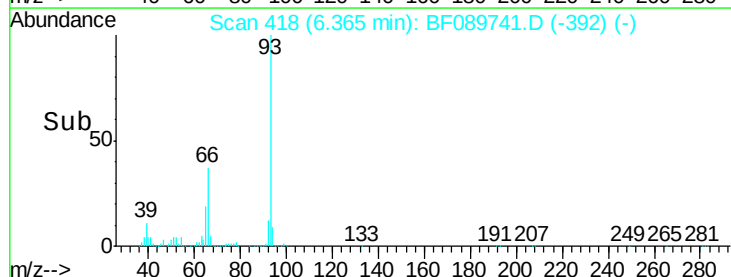
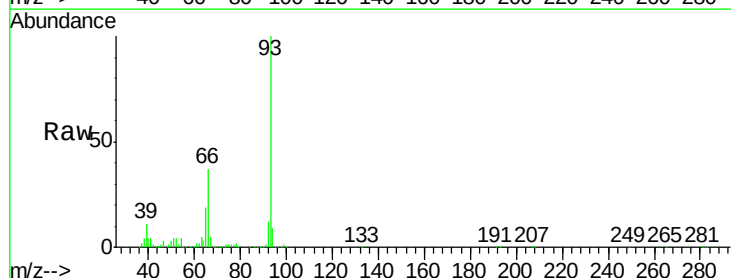
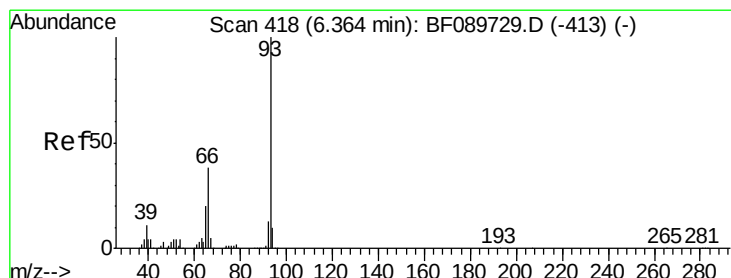
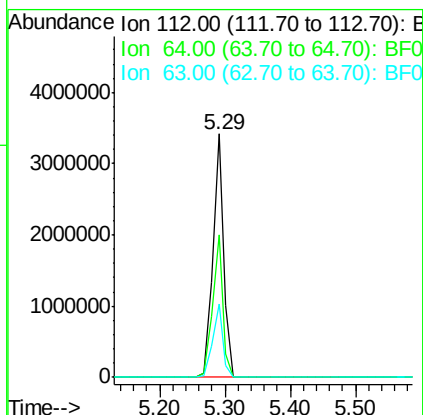
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ClientSampleId :

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#6

Aniline

Concen: 25.20 ng

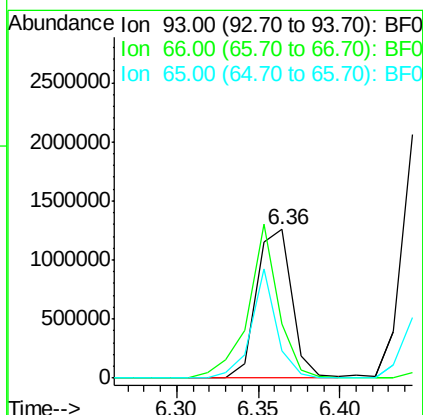
RT: 6.36 min Scan# 418

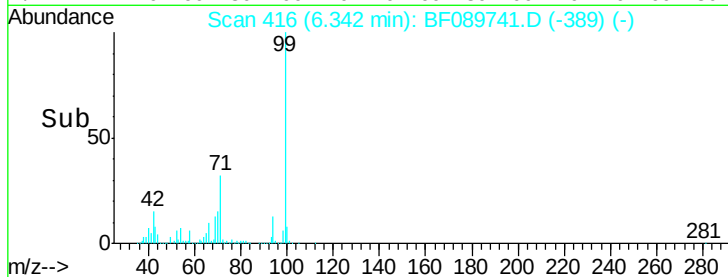
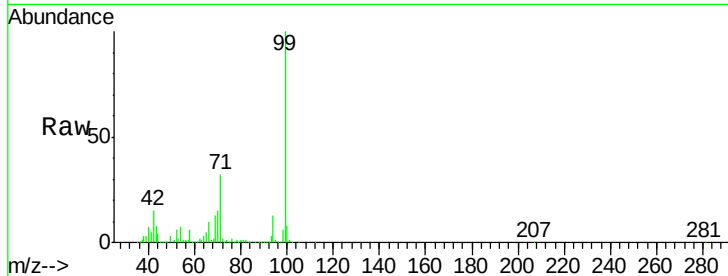
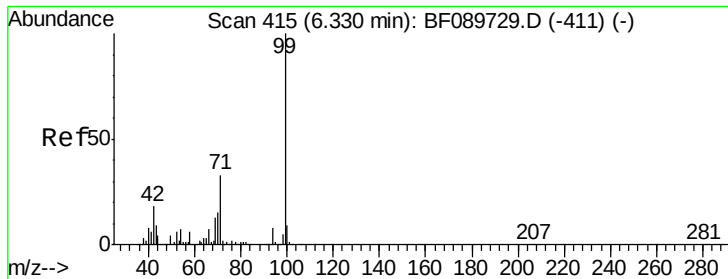
Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tgt Ion:	93	Resp:	1903183
Ion	Ratio	Lower	Upper
93	100		
66	36.6	30.6	46.0
65	18.6	15.4	23.2





#7

Phenol-d6

Concen: 95.10 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tot Ion: 99 Resp: 5343170

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.4

71 32.1 23.8 35.8

Instrument :

BNA_F

ClientSampled :

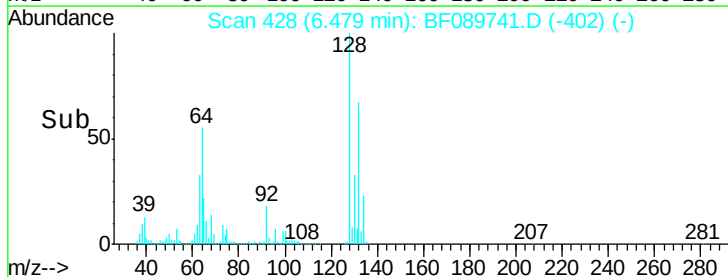
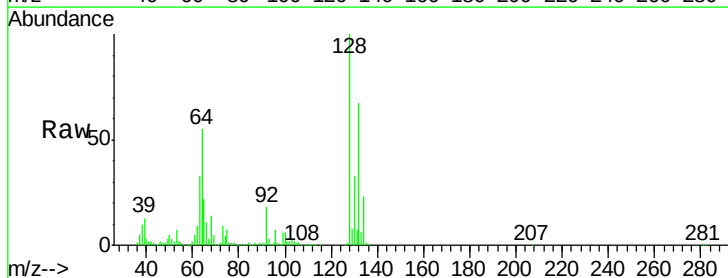
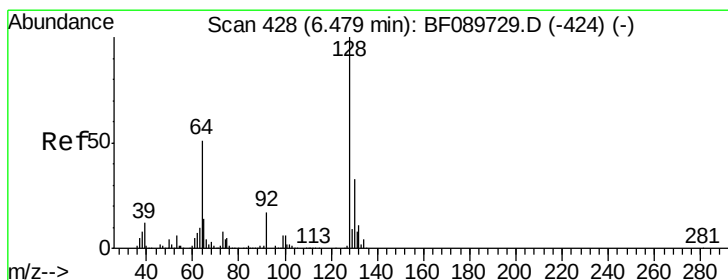
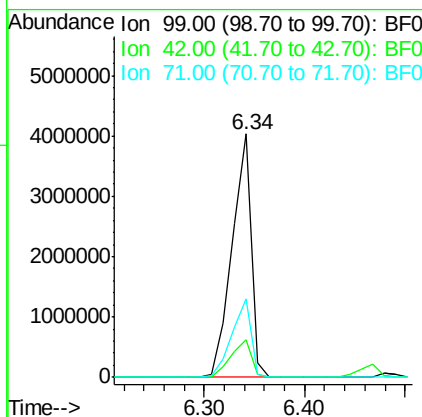
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#8

2-Chlorophenol

Concen: 30.89 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

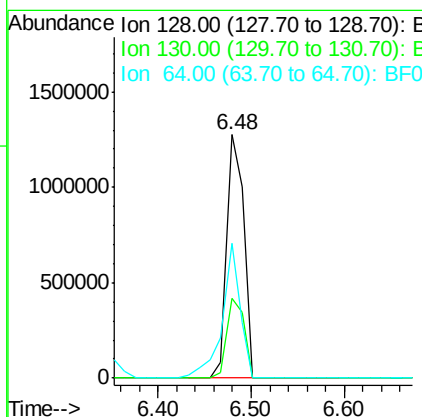
Tgt Ion:128 Resp: 1622802

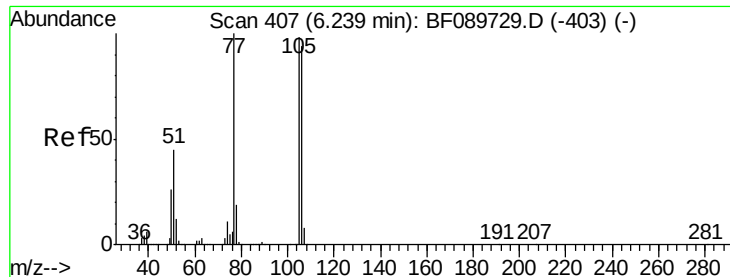
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 55.2 35.1 75.1





#9

Benzaldehyde

Concen: 8.86 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

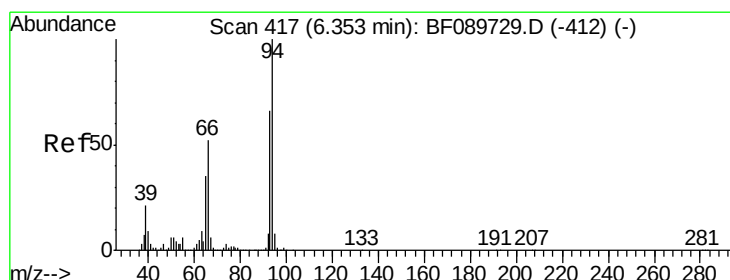
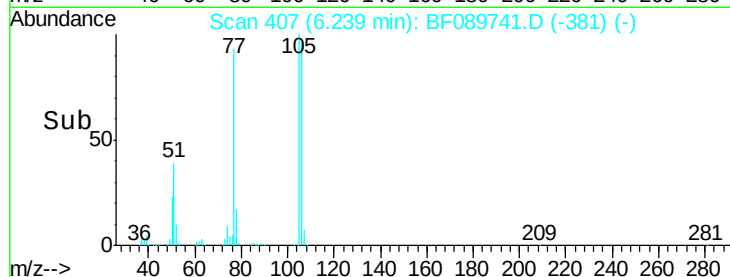
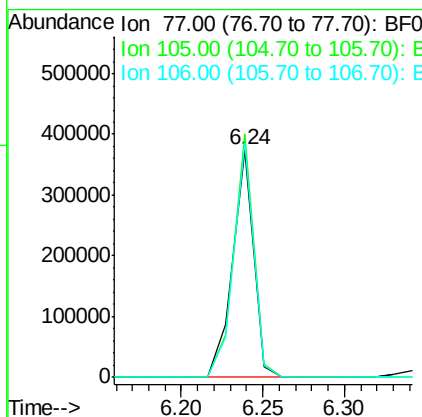
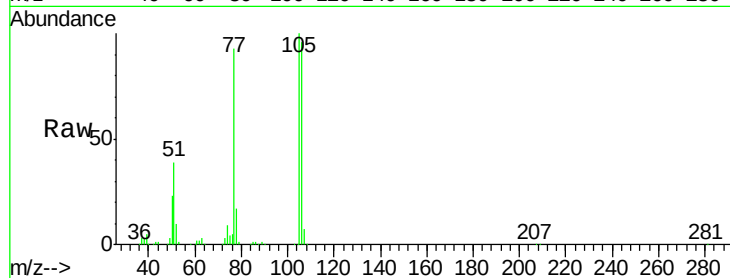
ClientSampled :

PB92811BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.2	73.3	113.3
106	103.3	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 34.42 ng

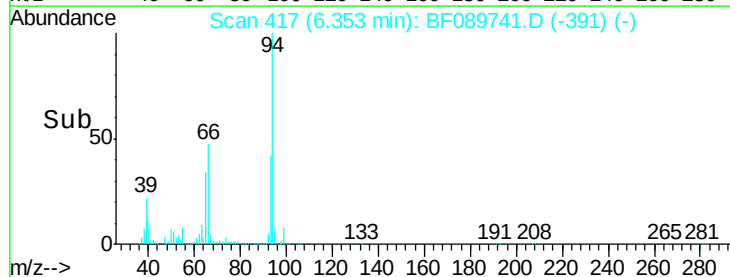
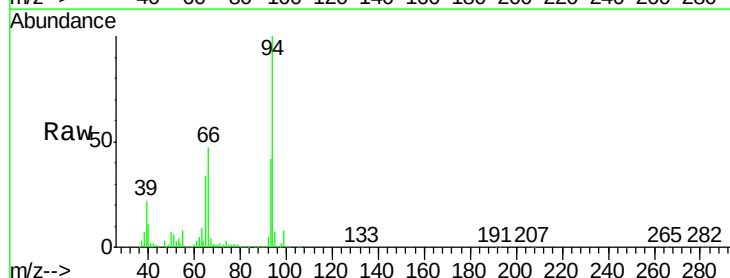
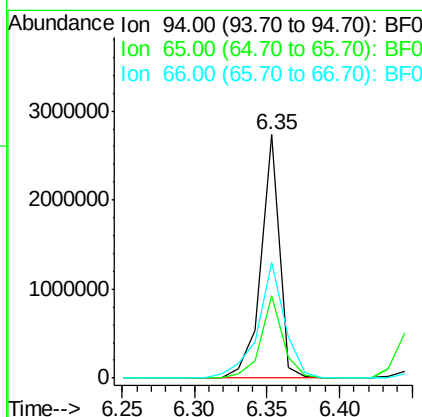
RT: 6.35 min Scan# 417

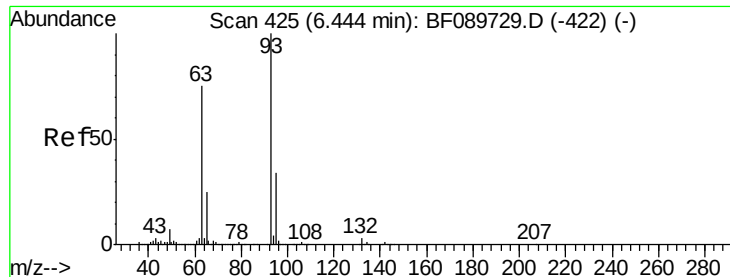
Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	14.0	54.0
66	47.5	31.2	71.2





#11

bis(2-Chloroethyl)ether

Concen: 34.20 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tot Ion: 93 Resp: 1771938

Ion Ratio Lower Upper

93 100

63 73.8 55.8 95.8

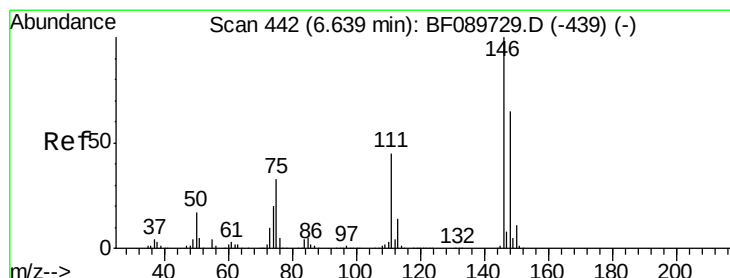
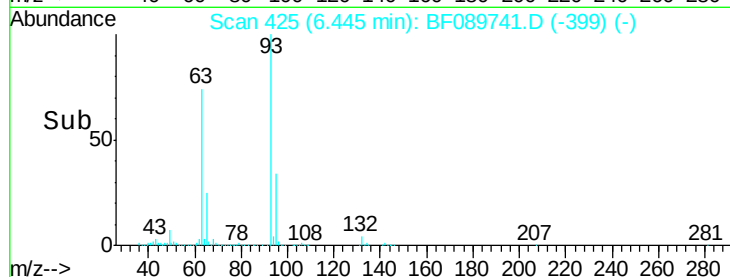
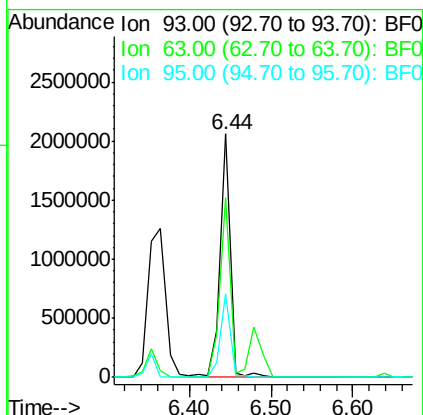
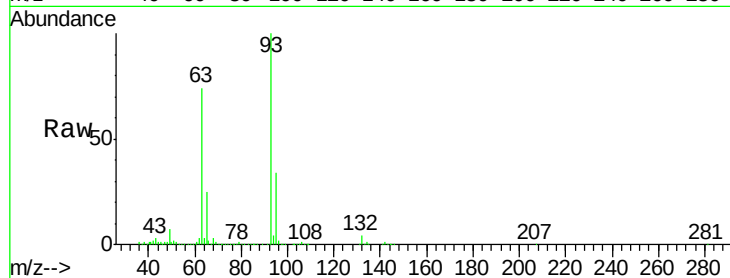
95 34.2 13.0 53.0

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#12

1,3-Dichlorobenzene

Concen: 30.62 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

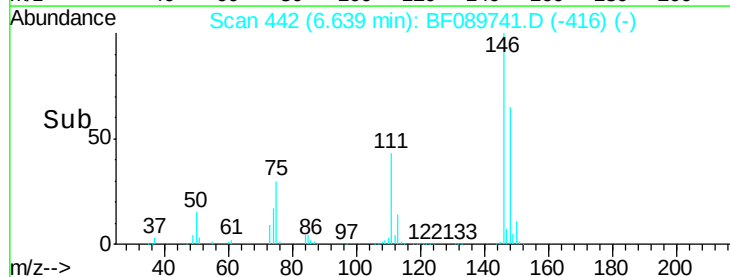
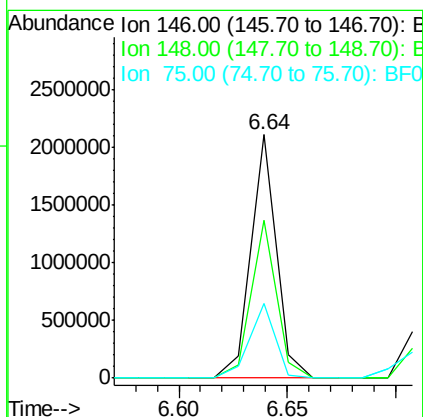
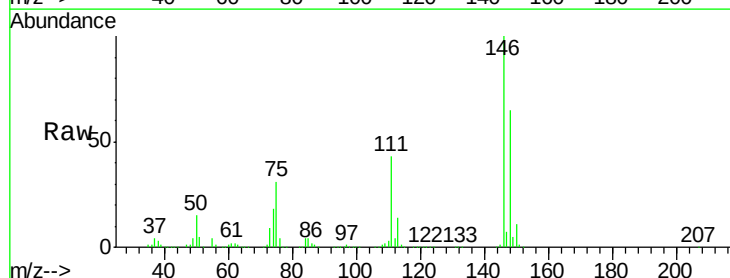
Tgt Ion: 146 Resp: 1719785

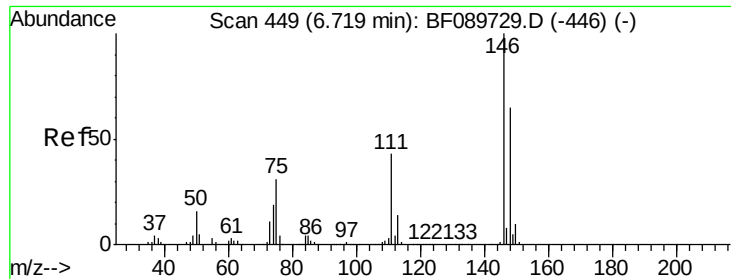
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

75 30.8 27.0 40.6





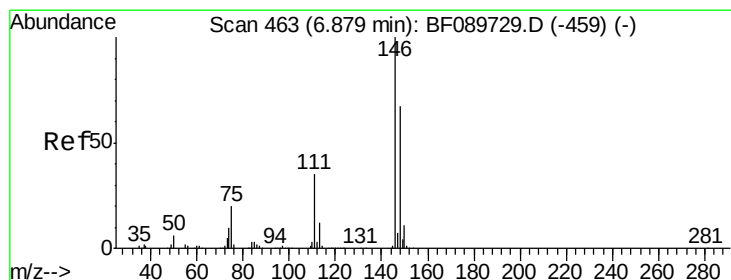
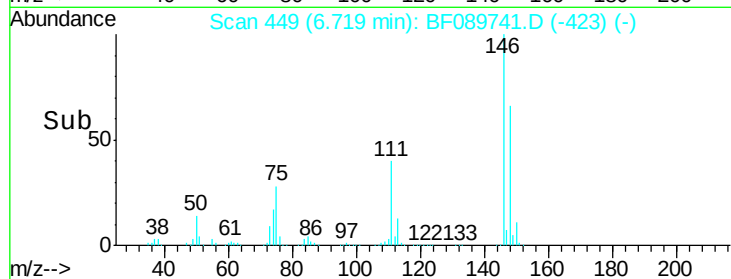
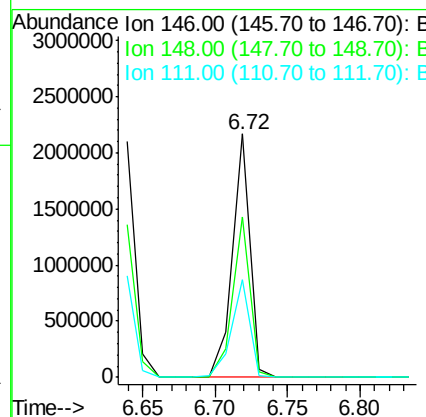
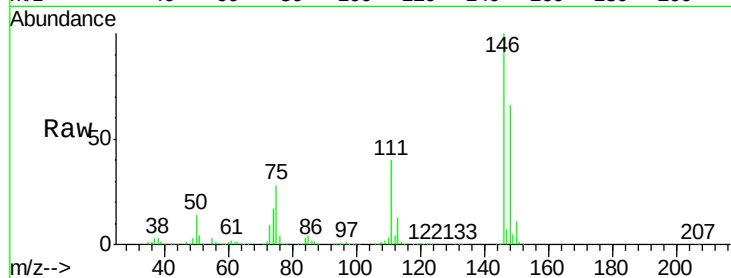
#13
 1,4-Dichlorobenzene
 Concen: 31.90 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.0	76.6
111	40.2	34.6	52.0

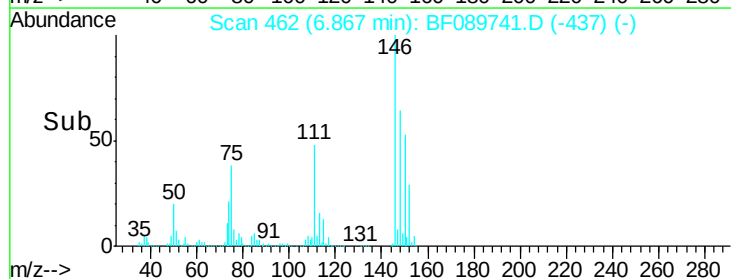
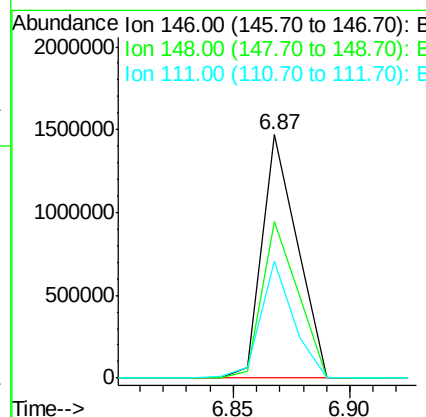
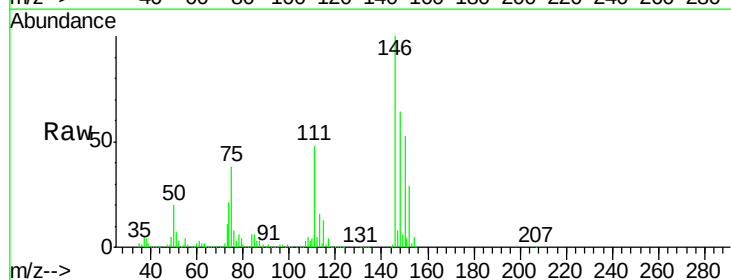
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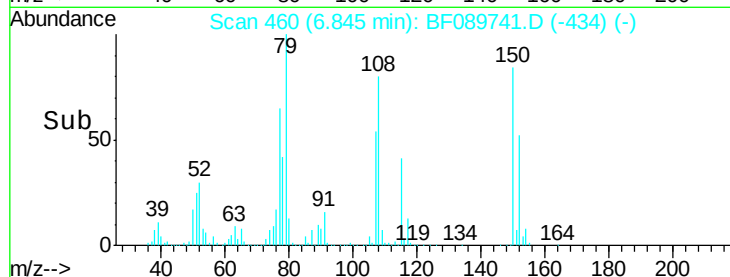
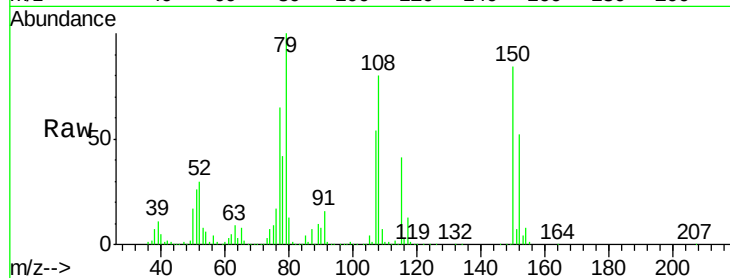
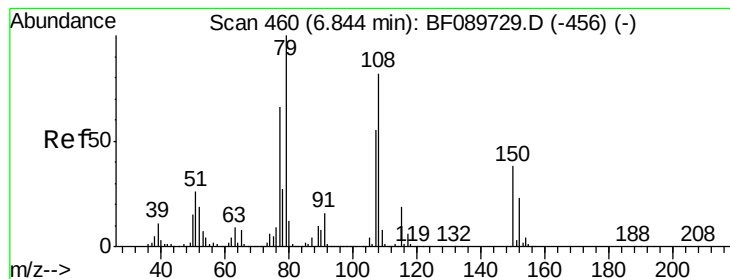
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#14
 1,2-Dichlorobenzene
 Concen: 28.80 ng m
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	48.1	29.8	44.6#





#15

Benzyl Alcohol

Concen: 33.24 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tot Ion: 79 Resp: 1247854

Ion Ratio Lower Upper

79 100

108 79.6 62.5 93.7

77 65.4 51.5 77.3

Instrument :

BNA_F

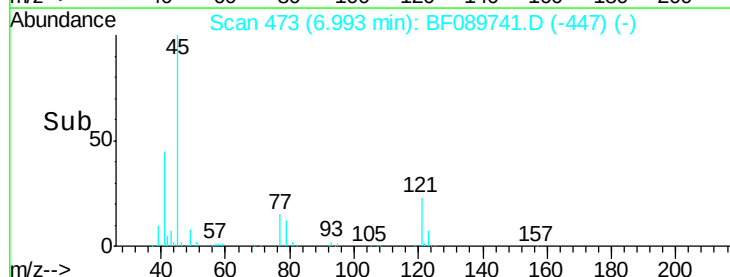
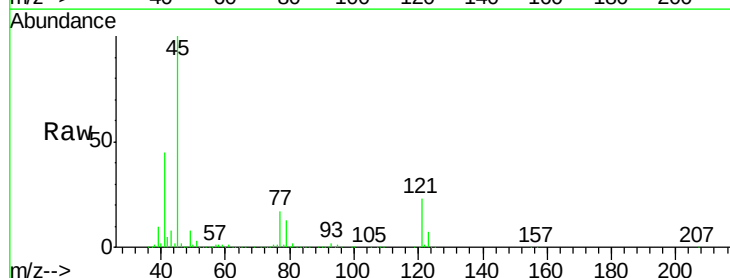
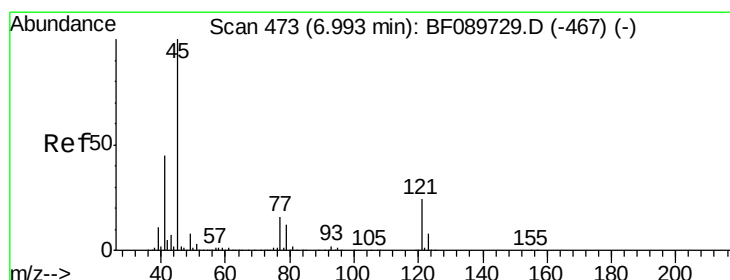
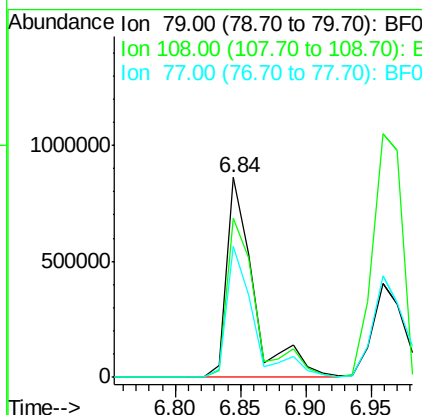
ClientSampled :

PB92811BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.45 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

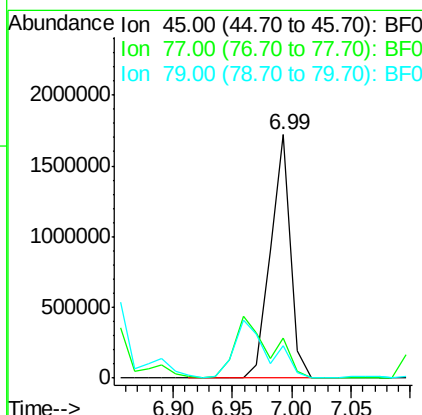
Tgt Ion: 45 Resp: 2002167

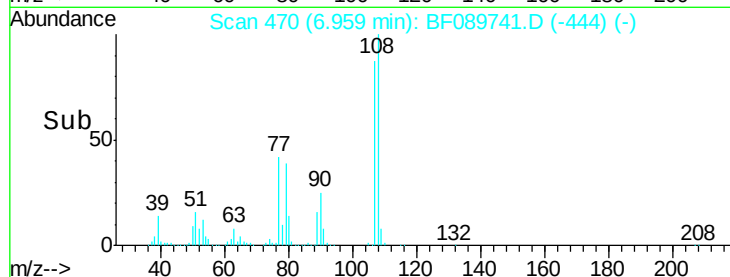
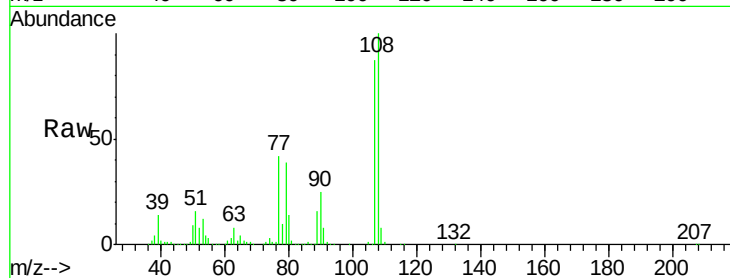
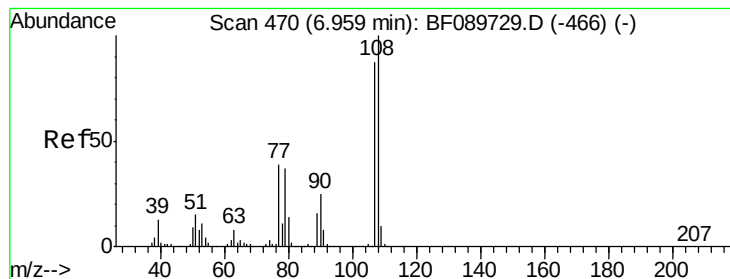
Ion Ratio Lower Upper

45 100

77 16.5 0.0 33.5

79 13.3 0.0 30.7





#17

2-Methylphenol

Concen: 34.08 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tot Ion:	107	Resp:	1422594
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.4
77	48.0	37.4	56.0
79	44.5	36.6	55.0

Instrument :

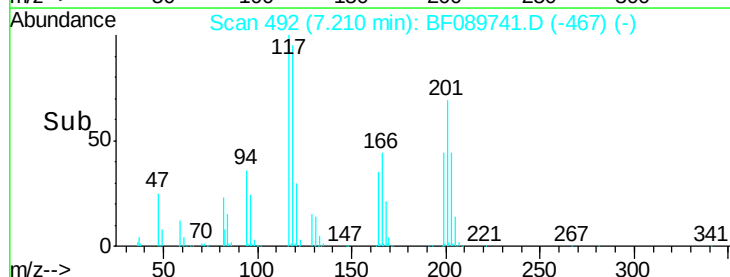
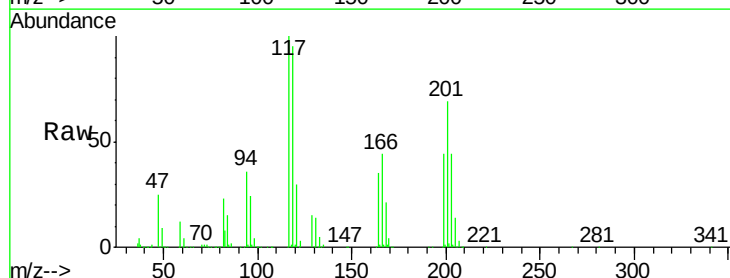
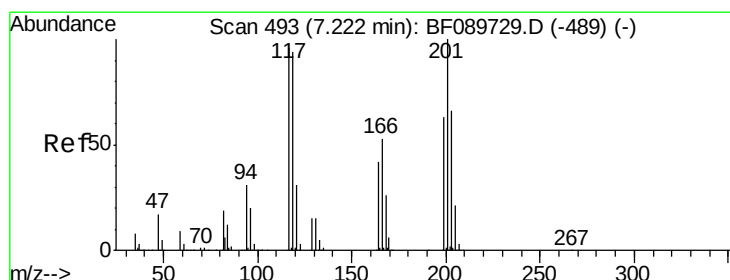
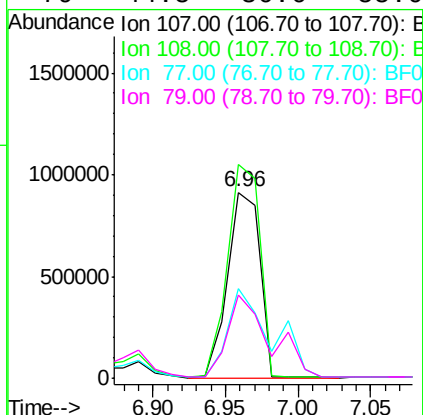
BNA_F

ClientSampleId :

PB92811BS

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#18

Hexachloroethane

Concen: 31.25 ng

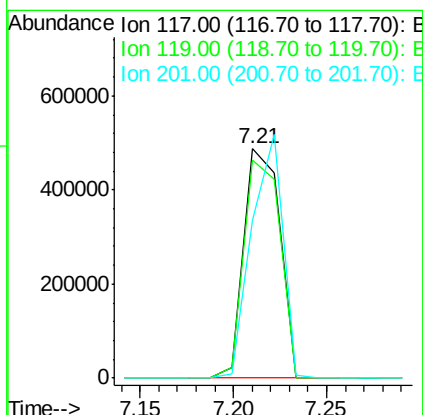
RT: 7.21 min Scan# 492

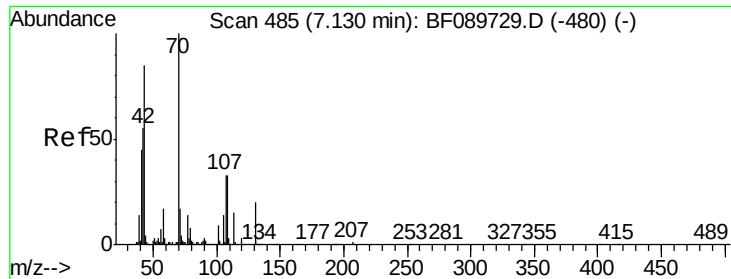
Delta R.T. -0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tgt Ion:	117	Resp:	651576
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.1	115.7
201	68.9	76.9	115.3#





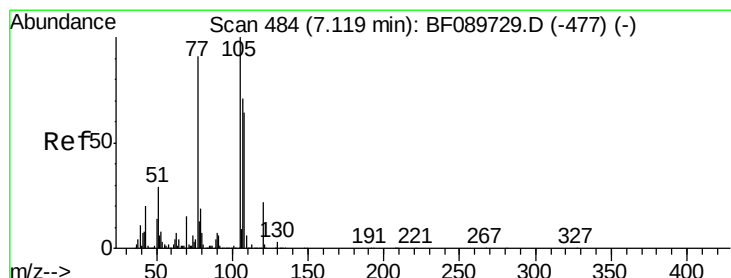
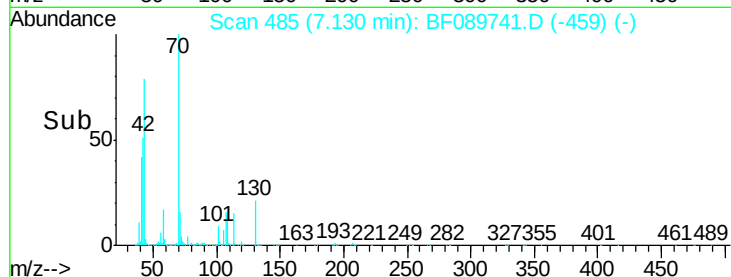
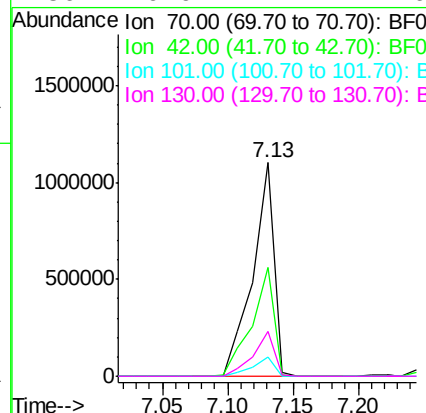
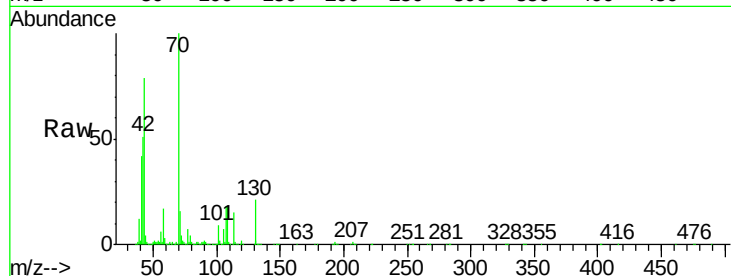
#19
n-Nitroso-di-n-propylamine
Concen: 34.42 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	46.3	69.5	
101	9.3	7.0	10.6	
130	20.9	14.4	21.6	

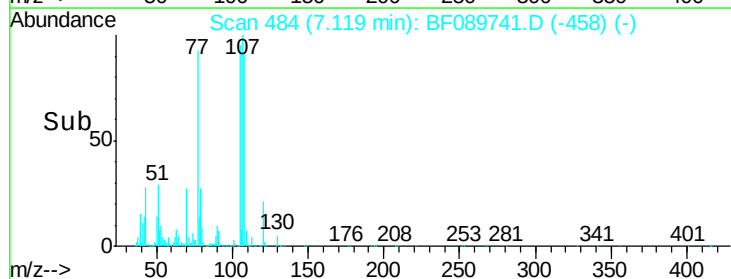
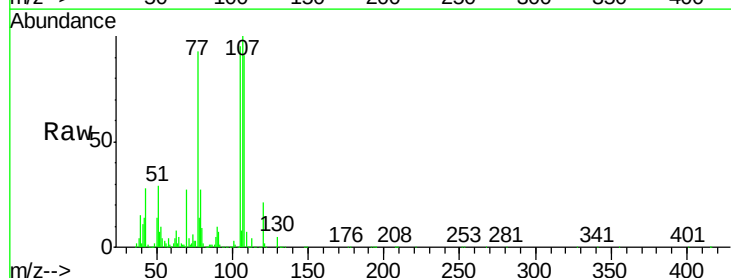
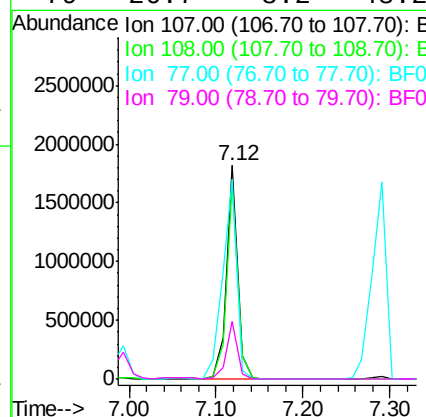
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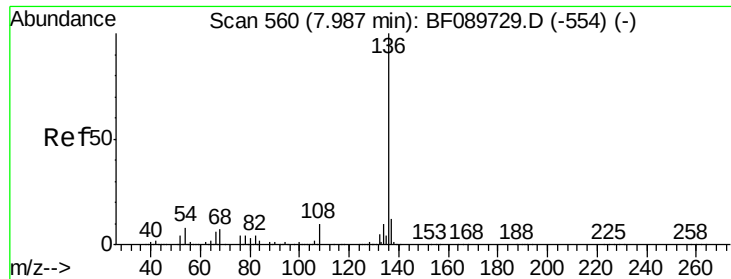
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#20
3+4-Methylphenols
Concen: 30.74 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	68.2	108.2	
77	93.5	122.3	162.3#	
79	26.7	8.2	48.2	





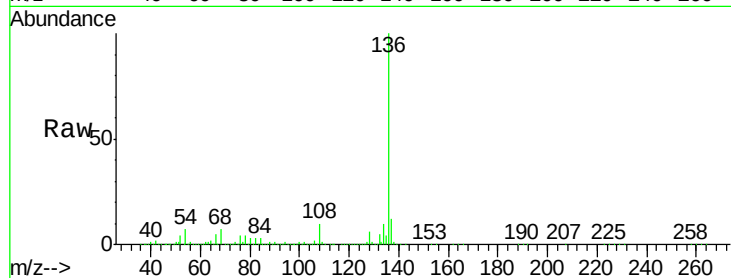
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

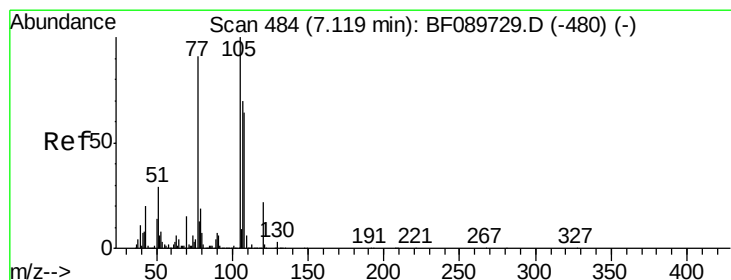
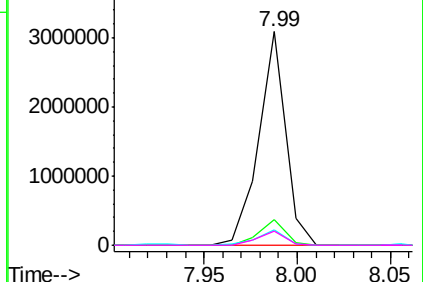
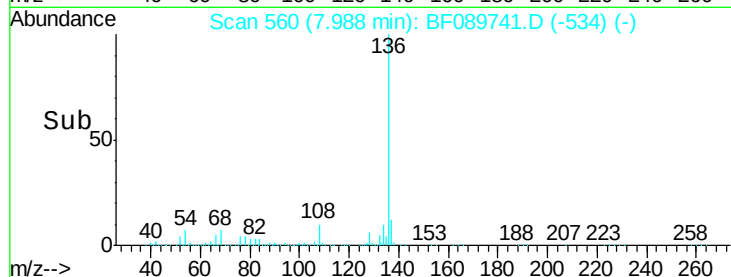
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	7.3	7.2	10.8
68	6.6	5.8	8.8

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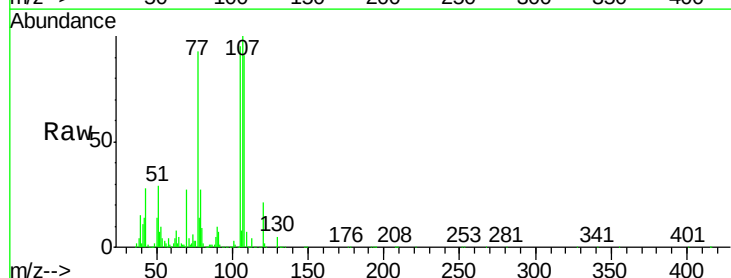


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

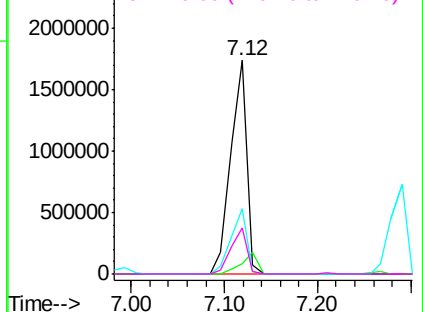
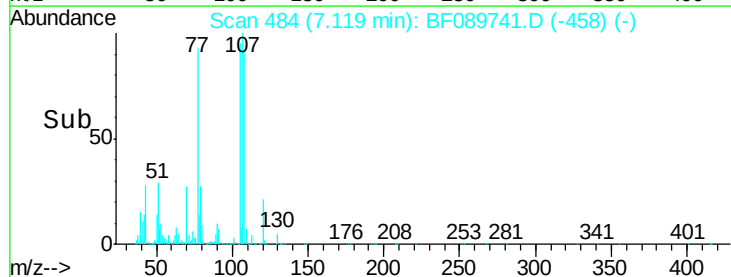


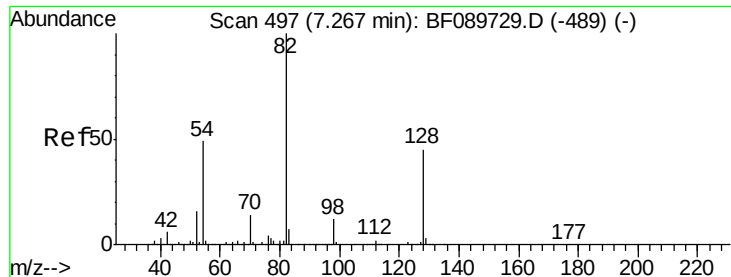
#22
Acetophenone
Concen: 29.28 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.5	1.9	2.9#
51	30.7	28.5	42.7
120	21.6	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





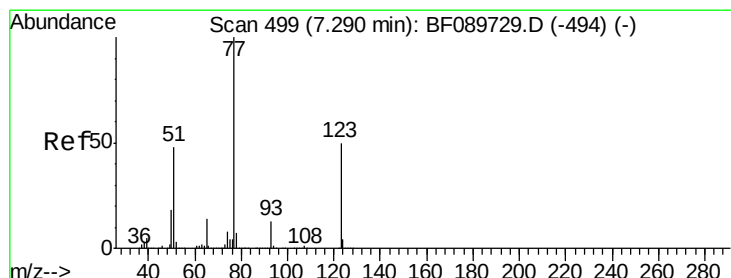
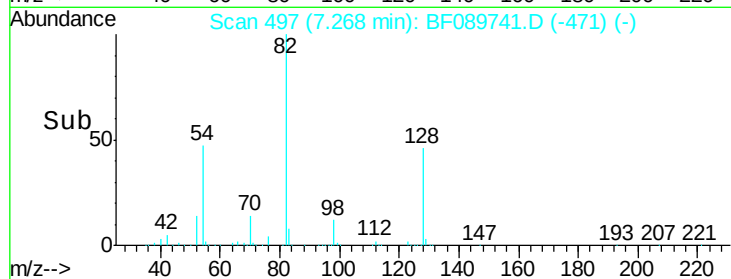
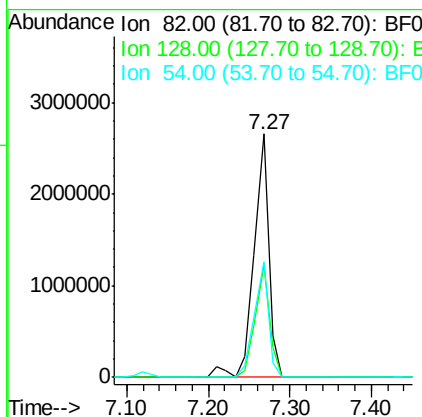
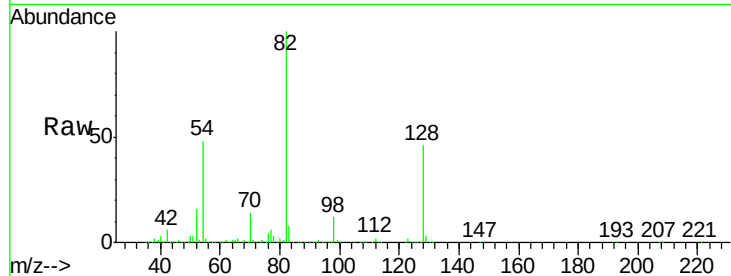
#23
 Nitrobenzene-d5
 Concen: 66.14 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.4	51.6
54	47.6	40.3	60.5

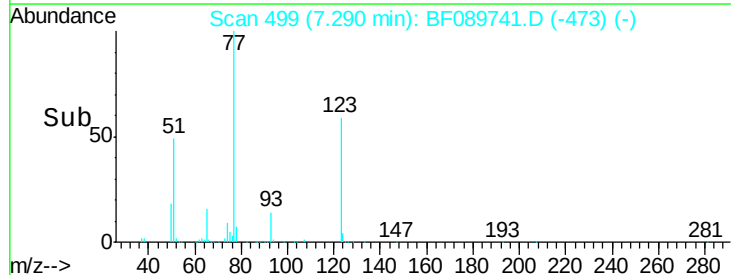
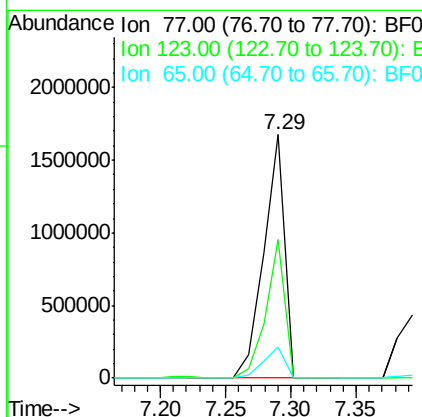
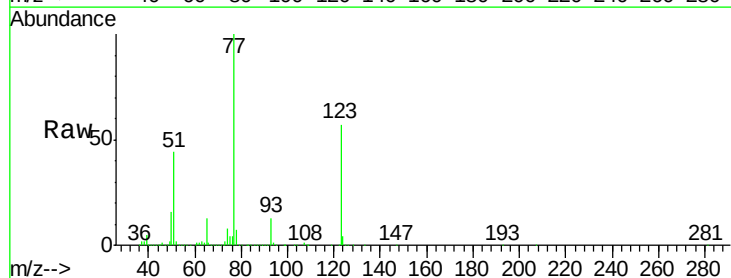
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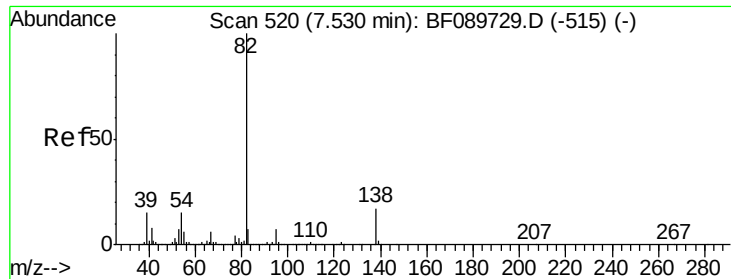
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#24
 Nitrobenzene
 Concen: 32.80 ng
 RT: 7.29 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.8	36.2	54.2#
65	13.1	10.6	15.8





#25

Isophorone

Concen: 31.05 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion: 82 Resp: 3135307

Ion Ratio Lower Upper

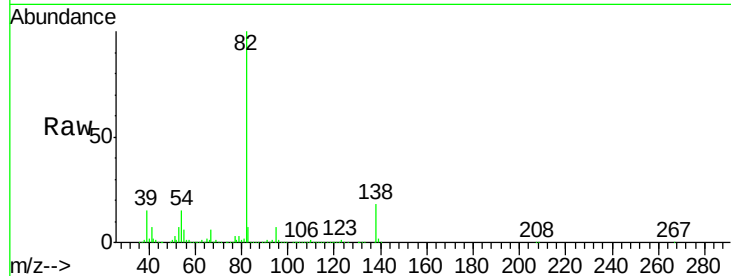
82 100

95 6.9 5.3 7.9

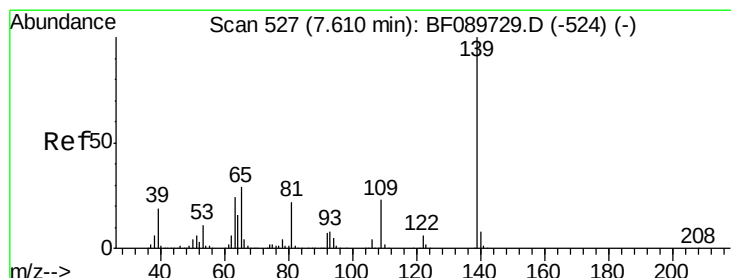
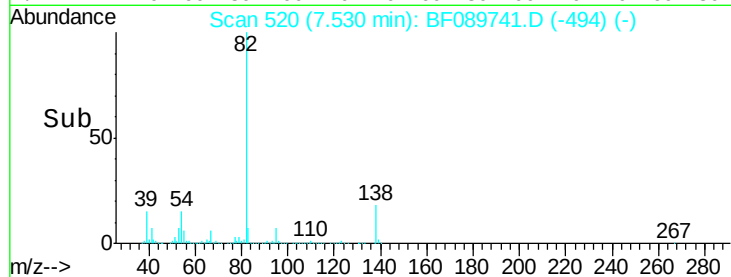
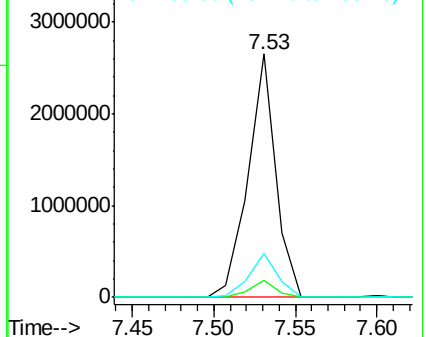
138 17.8 13.0 19.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.20 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

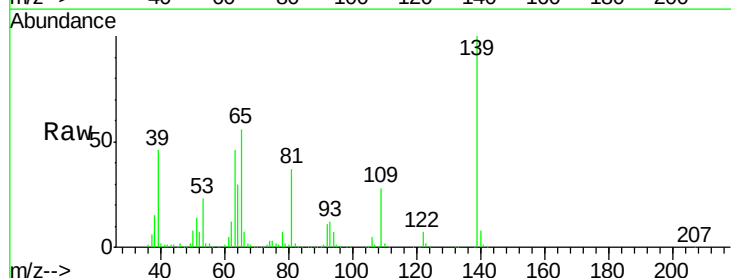
Tgt Ion: 139 Resp: 806693

Ion Ratio Lower Upper

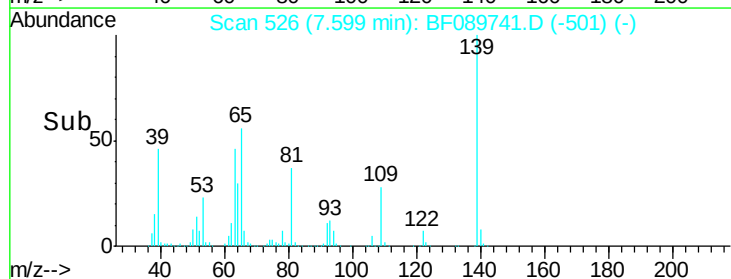
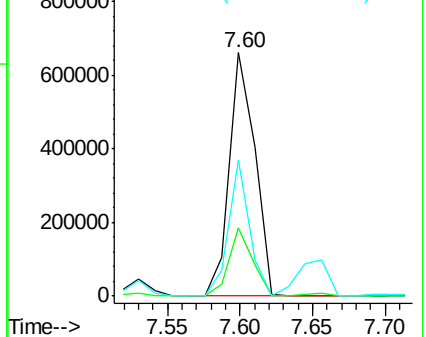
139 100

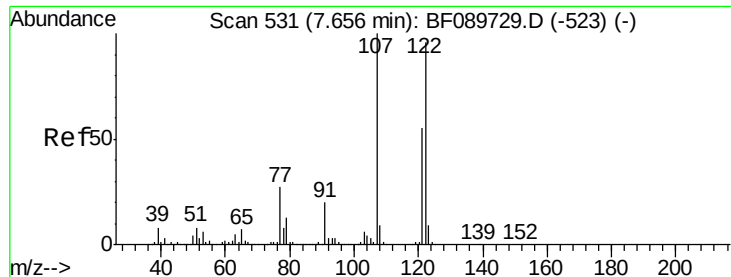
109 28.3 19.5 29.3

65 55.7 26.5 39.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 33.86 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:122 Resp: 1714329

Ion Ratio Lower Upper

122 100

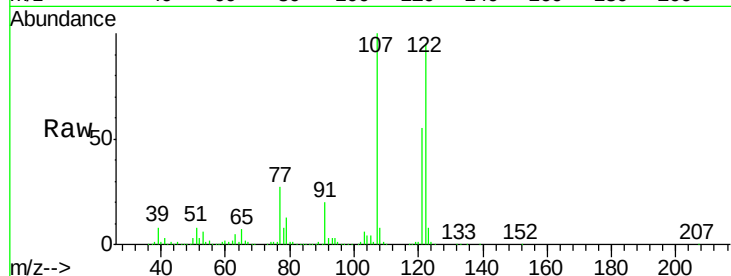
107 104.7 84.8 127.2

121 57.1 47.0 70.6

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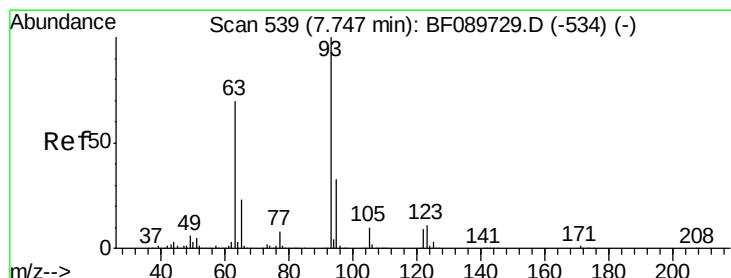
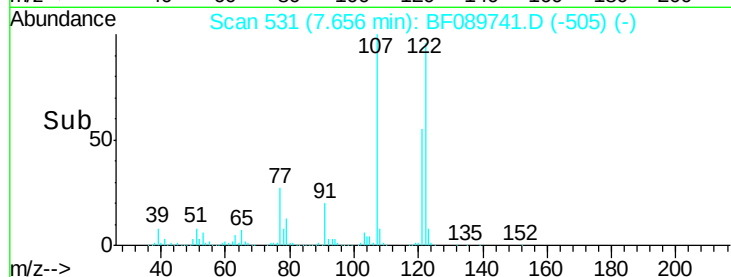
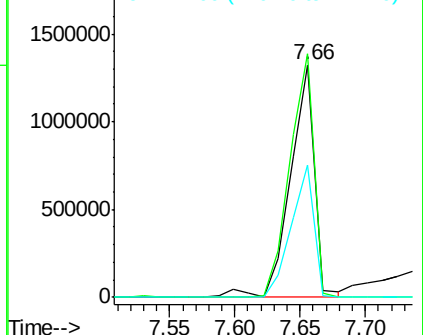
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.53 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

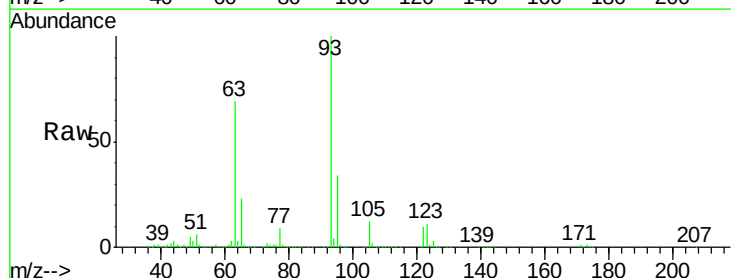
Tgt Ion: 93 Resp: 1934434

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

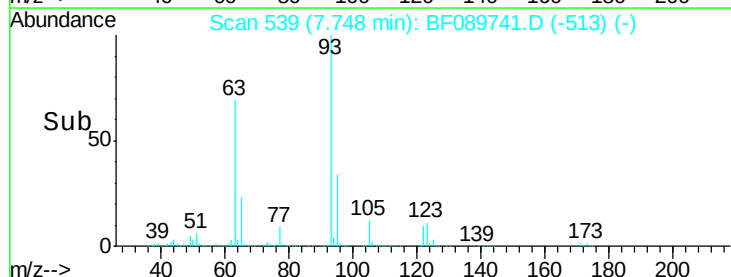
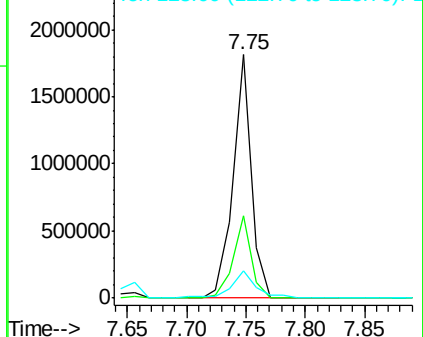
123 11.3 8.5 12.7

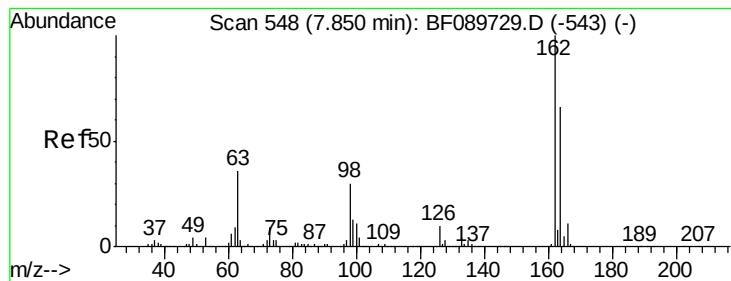


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.46 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:162 Resp: 1410365

Ion Ratio Lower Upper

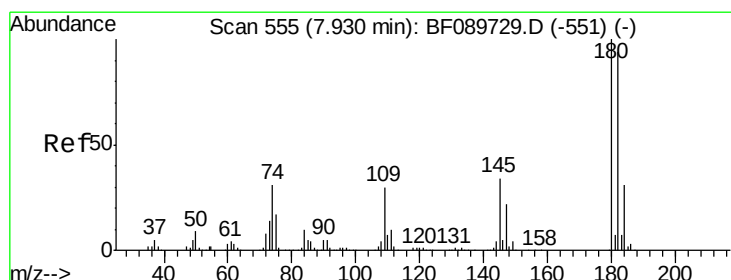
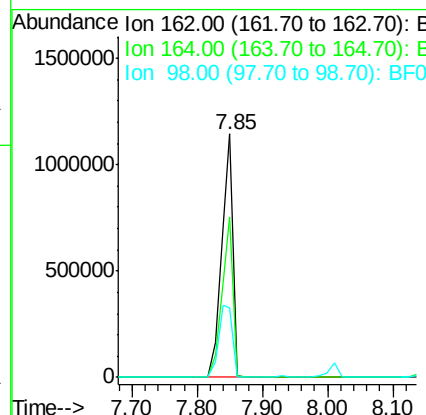
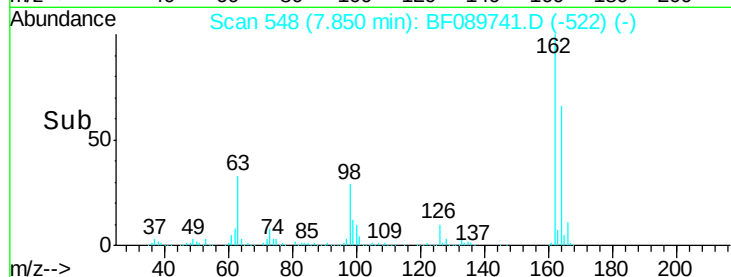
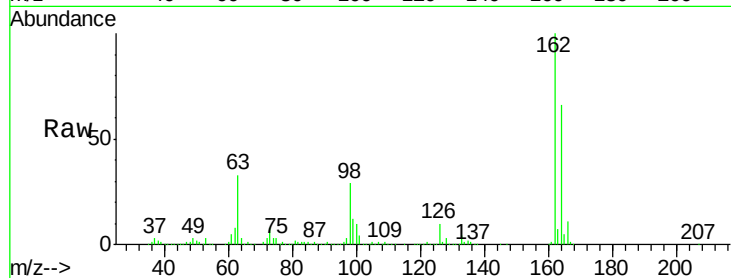
162 100

164 66.0 45.5 85.5

98 28.6 12.4 52.4

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#30

1,2,4-Trichlorobenzene

Concen: 31.55 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

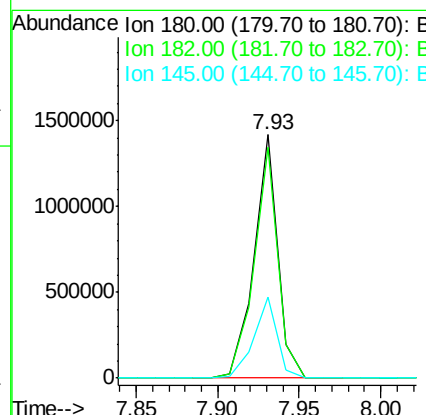
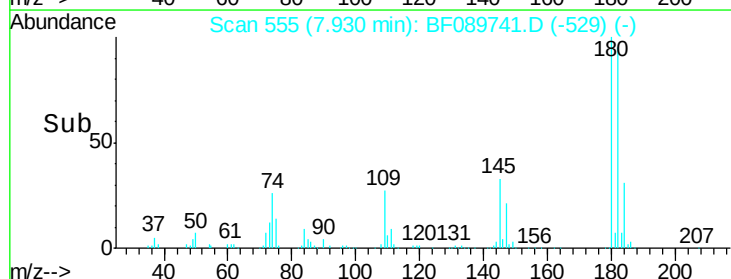
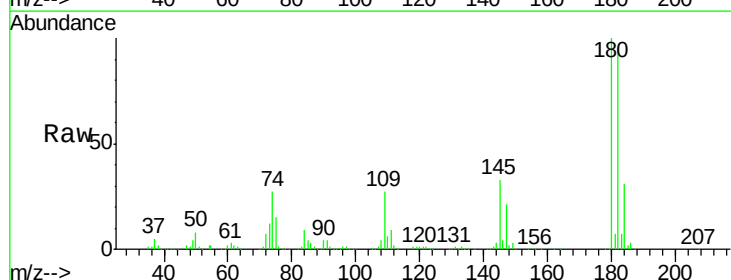
Tgt Ion:180 Resp: 1427449

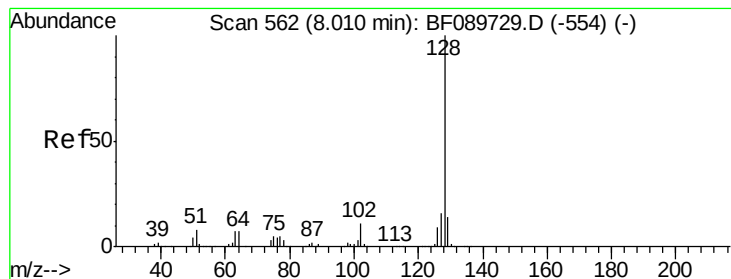
Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

145 33.2 28.7 43.1





#31

Naphthalene

Concen: 33.44 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:128 Resp: 4624993

Ion Ratio Lower Upper

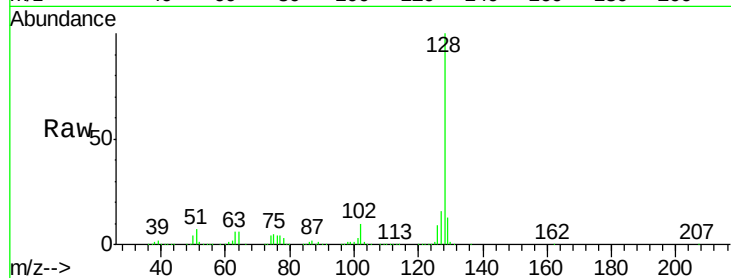
128 100

129 13.2 9.5 14.3

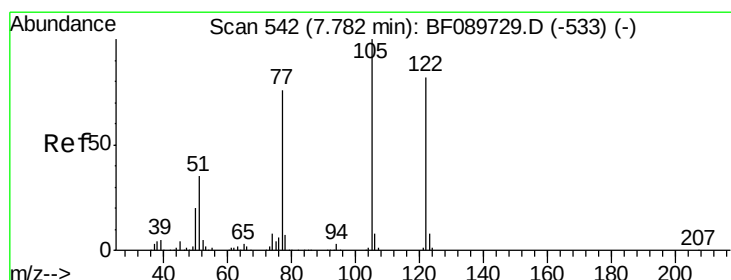
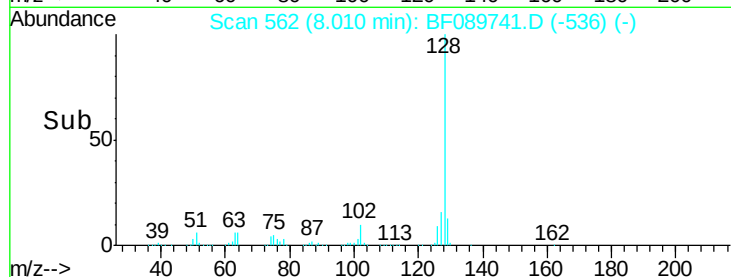
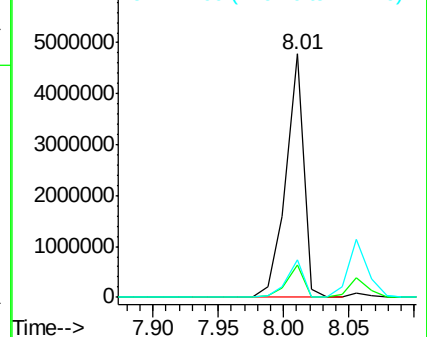
127 15.6 11.3 16.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.57 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

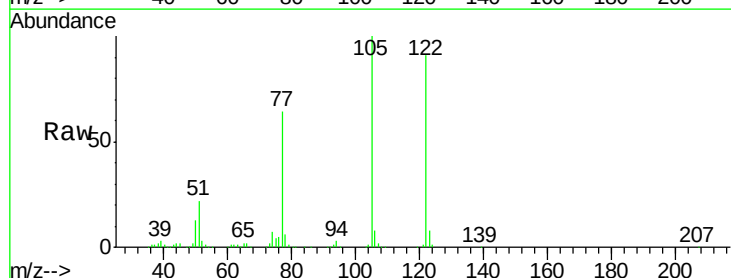
Tgt Ion:122 Resp: 1045756

Ion Ratio Lower Upper

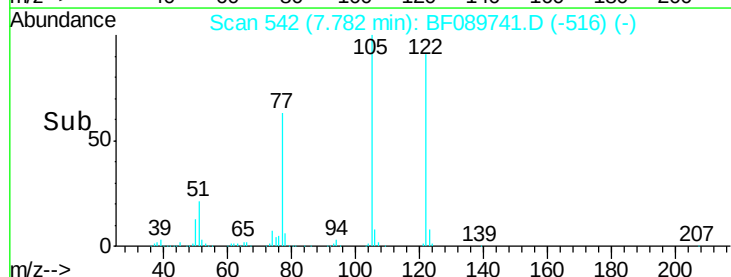
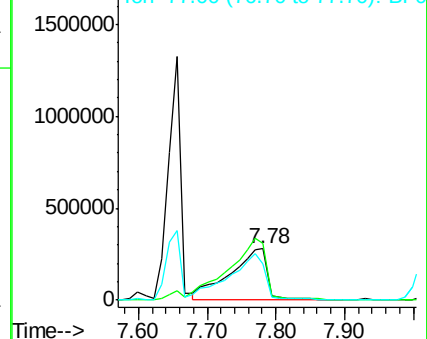
122 100

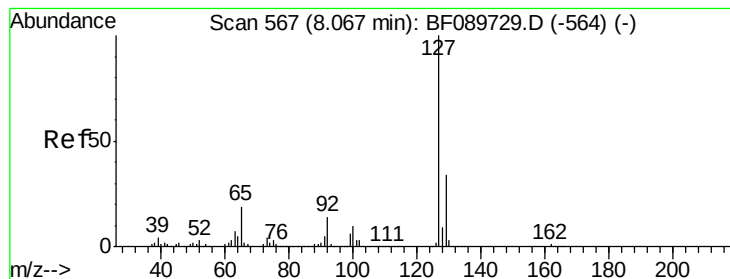
105 110.5 100.8 140.8

77 70.2 72.1 112.1#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





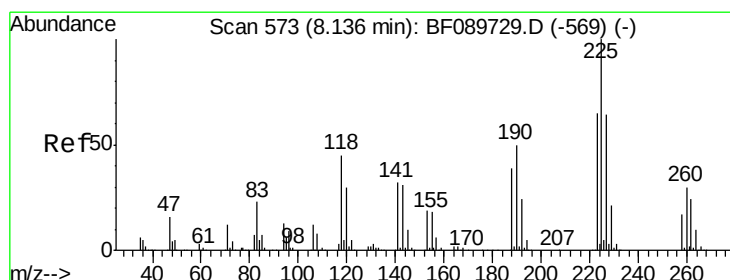
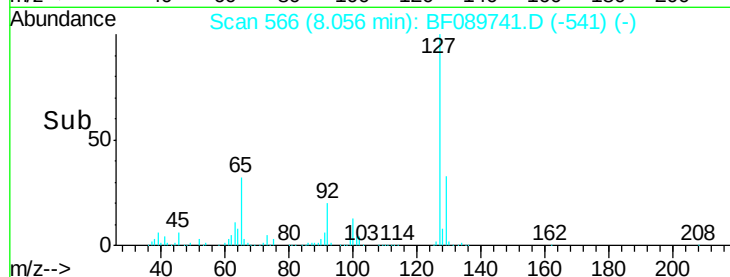
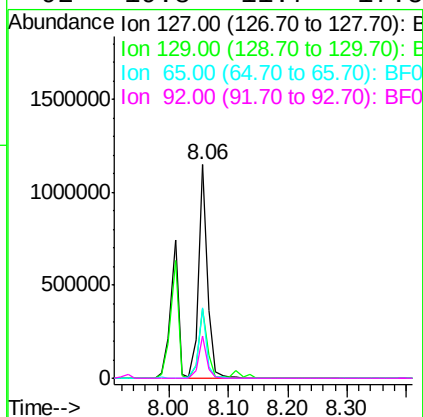
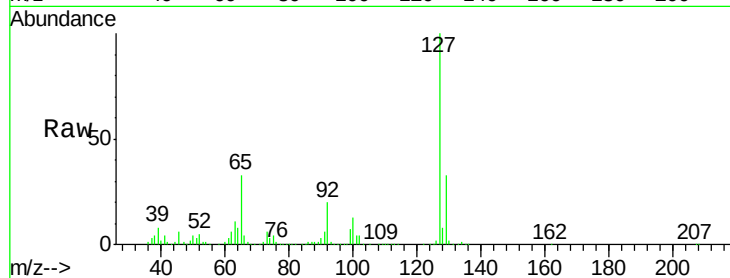
#33
4-Chloroaniline
Concen: 19.25 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.6
65	32.7	14.7	22.1#
92	19.8	11.7	17.5#

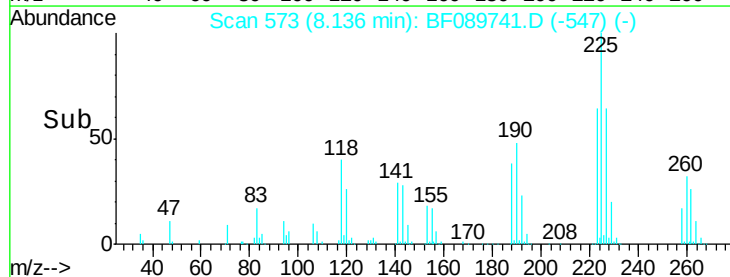
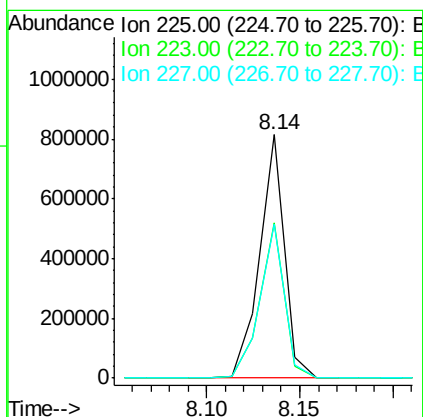
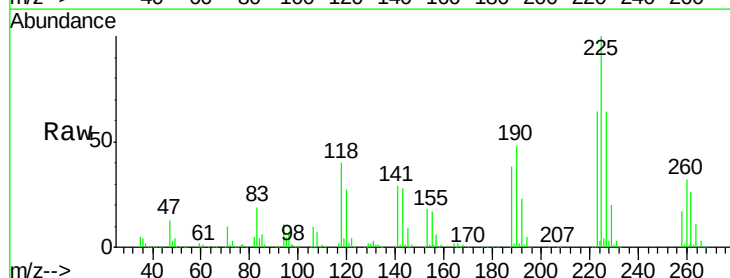
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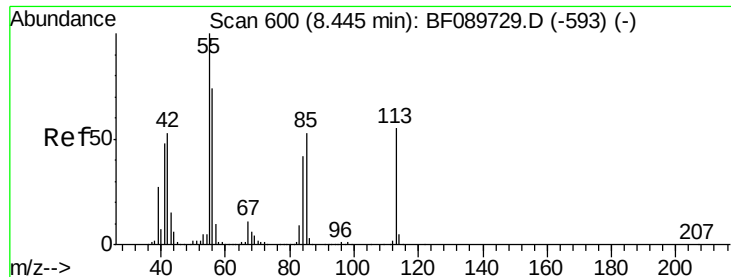
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#34
Hexachlorobutadiene
Concen: 31.88 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.5	49.8	74.6





#35

Caprolactam

Concen: 38.71 ng/ml

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

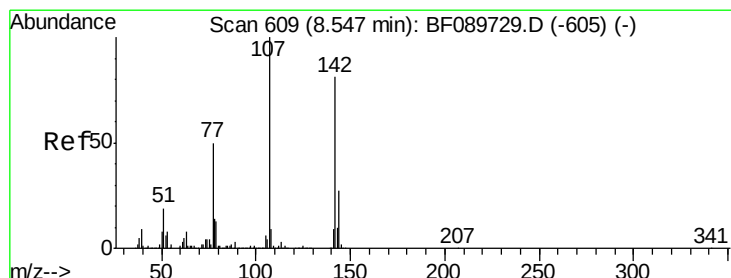
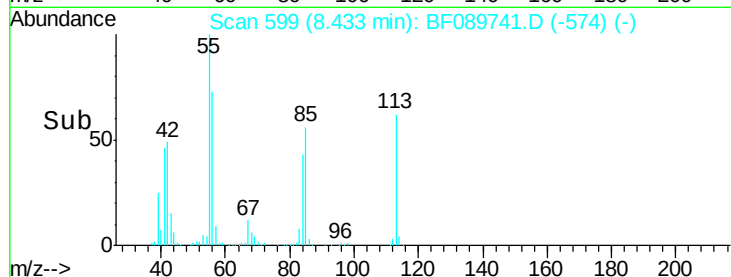
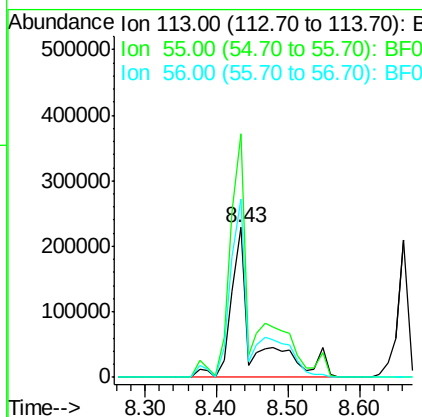
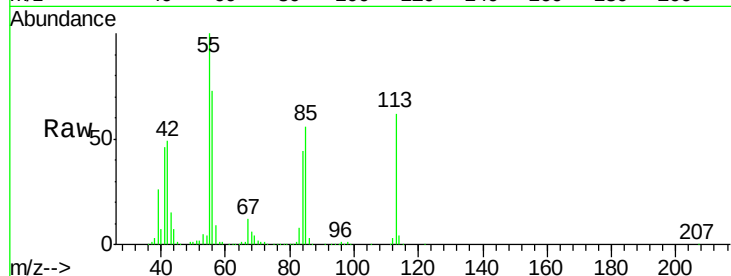
ClientSampleId :

PB92811BS

Tot Ion:	113	Resp:	502865
Ion Ratio	Lower	Upper	
113	100		
55	162.3	135.9	175.9
56	118.9	93.9	133.9

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#36

4-Chloro-3-methylphenol

Concen: 31.34 ng/ml

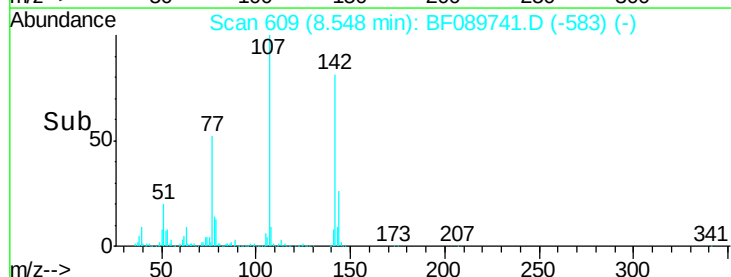
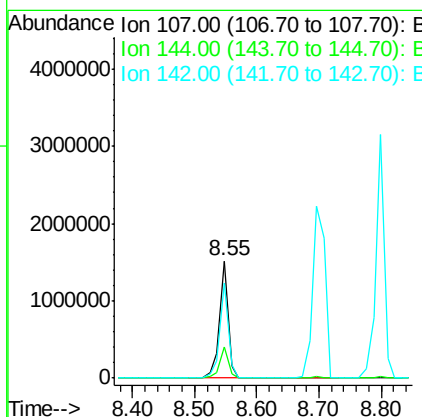
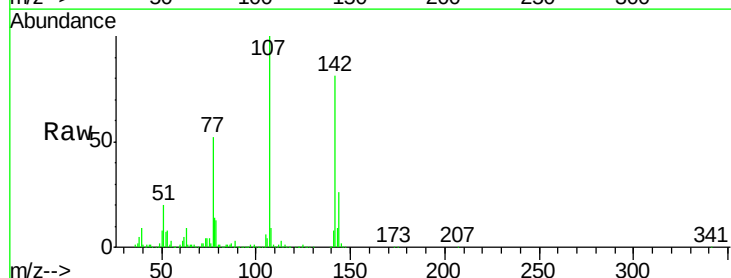
RT: 8.55 min Scan# 609

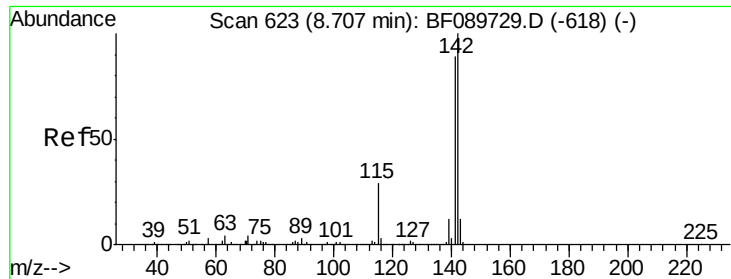
Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tgt Ion:	107	Resp:	1437838
Ion Ratio	Lower	Upper	
107	100		
144	26.4	22.6	34.0
142	80.6	69.3	103.9





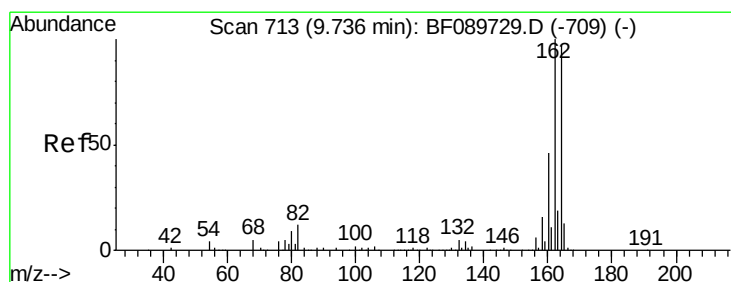
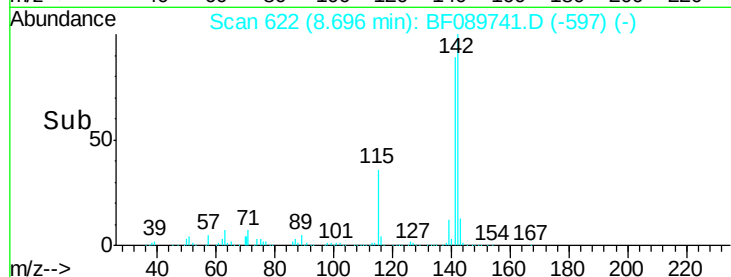
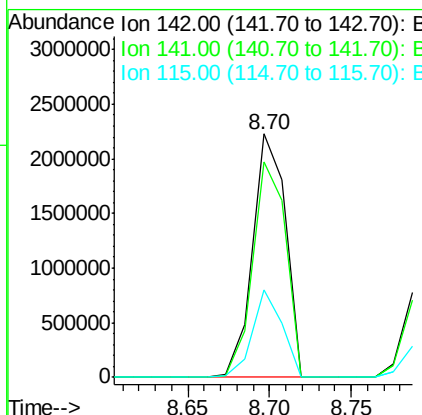
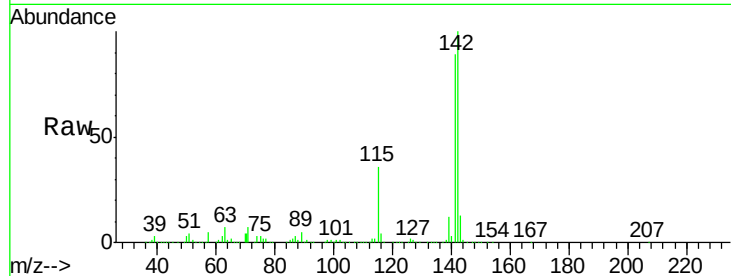
#37
2-Methylnaphthalene
Concen: 33.12 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampled :
PB92811BS

Tot Ion:142 Resp: 3117662
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.2
115 35.7 22.7 34.1#

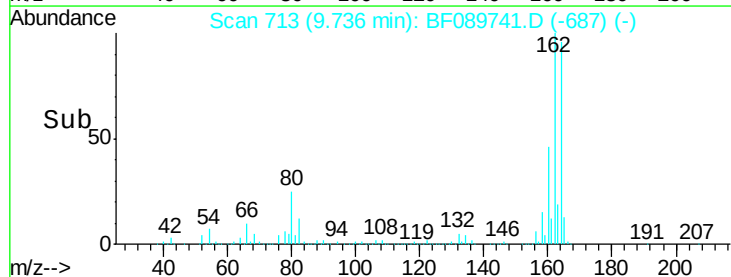
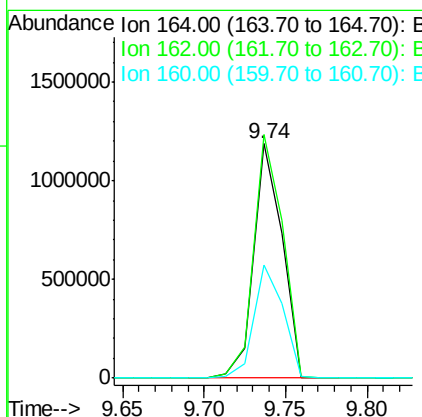
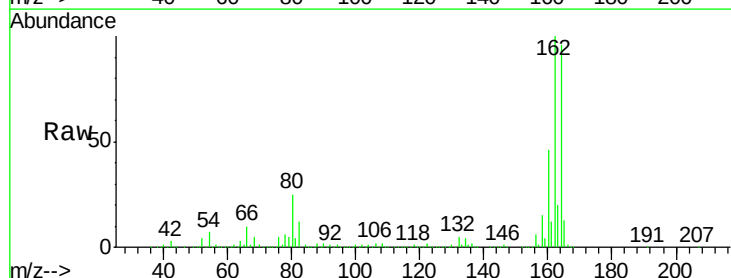
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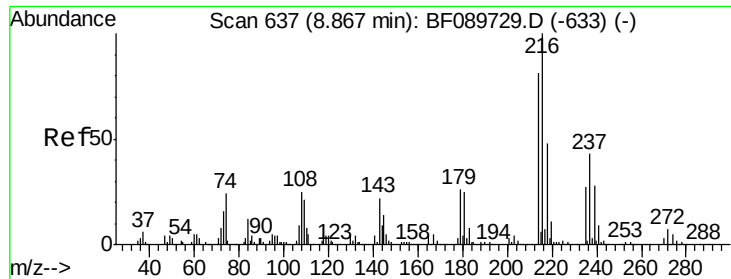
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion:164 Resp: 1438976
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.2
160 48.0 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.66 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:216 Resp: 1048315

Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

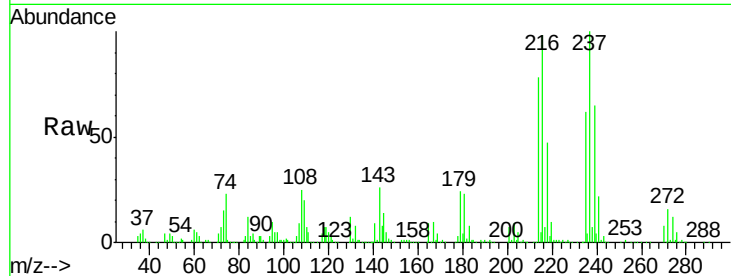
179 23.5 19.9 29.9

108 27.1 19.9 29.9

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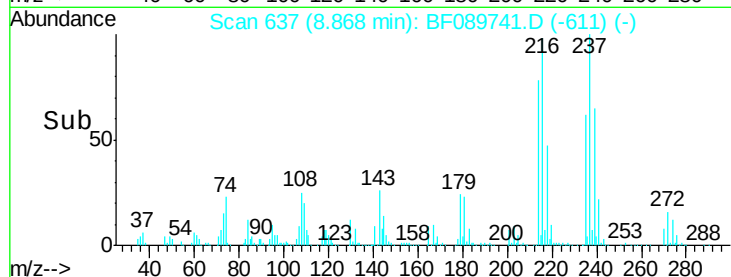


Abundance Ion 216.00 (215.70 to 216.70): E

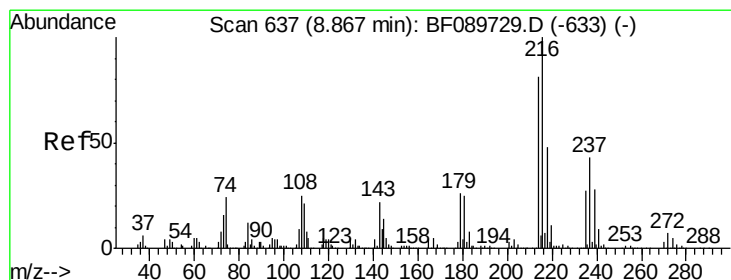
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 73.58 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

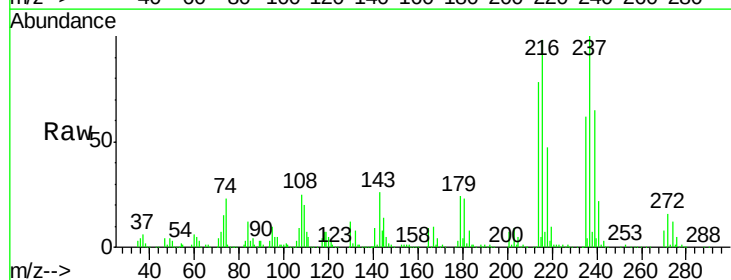
Tgt Ion:237 Resp: 1516937

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

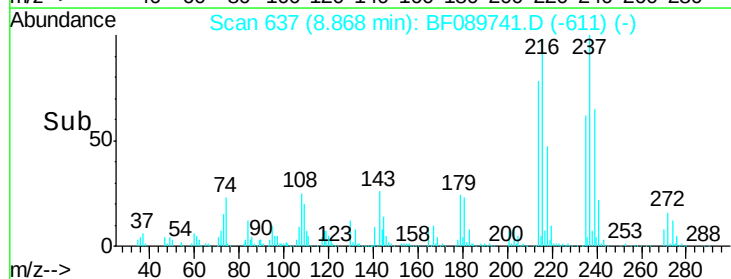
272 15.5 0.0 31.6



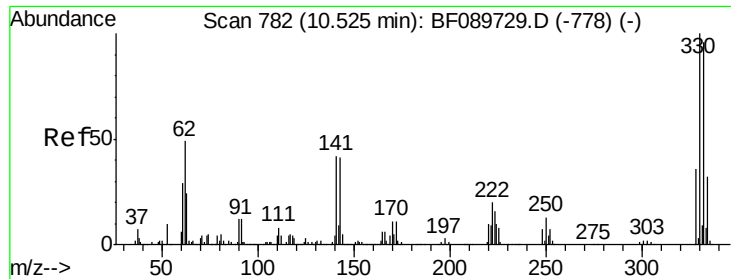
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



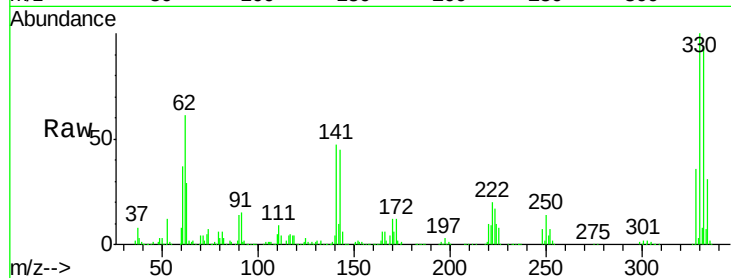
#41
 2,4,6-Tribromophenol
 Concen: 100.72 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampled :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.7	115.1
141	36.1	30.2	45.2

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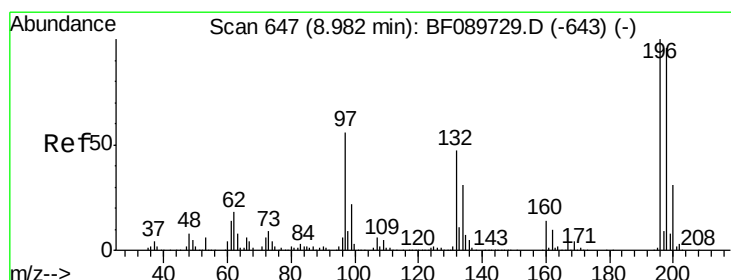
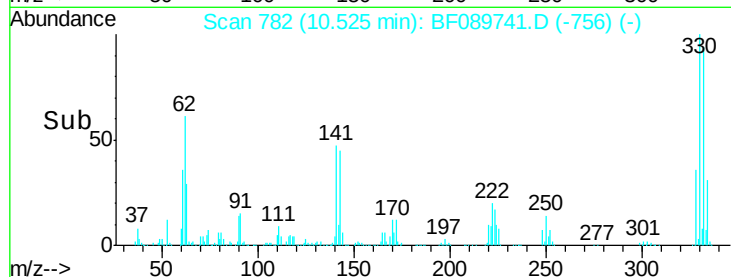
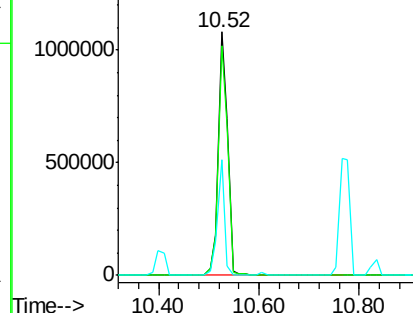


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 35.89 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

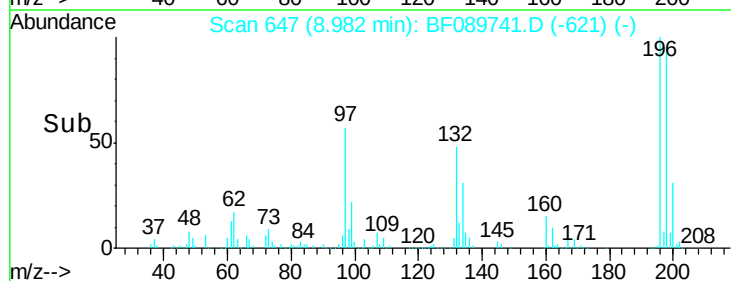
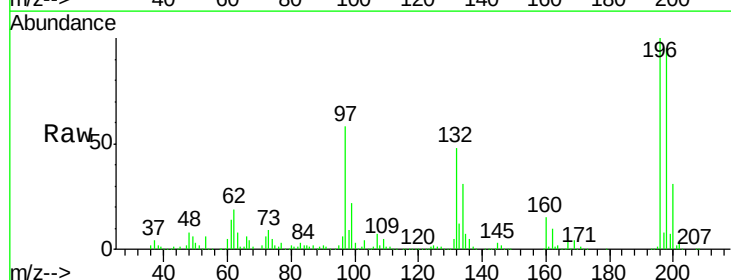
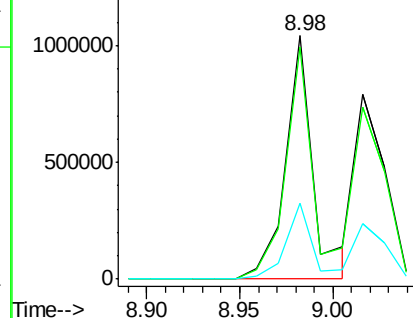
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.3	114.5
200	31.3	24.6	36.8

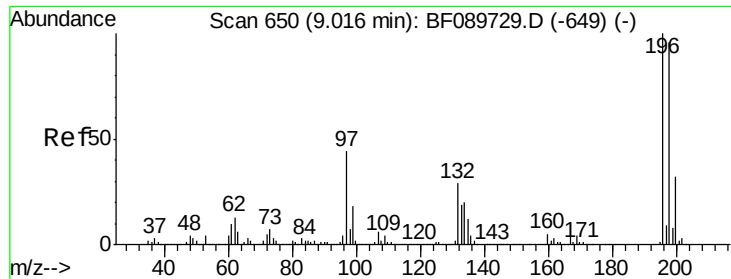
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





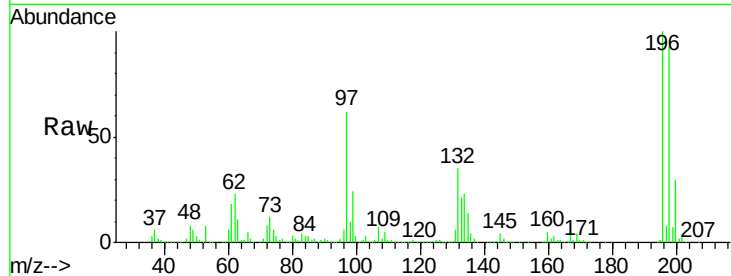
#43
2,4,5-Trichlorophenol
Concen: 32.16 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	916249		
198	93.5	76.6	114.8	
97	62.0	35.8	53.8	
132	34.7	23.5	35.3	

Manual Integrations
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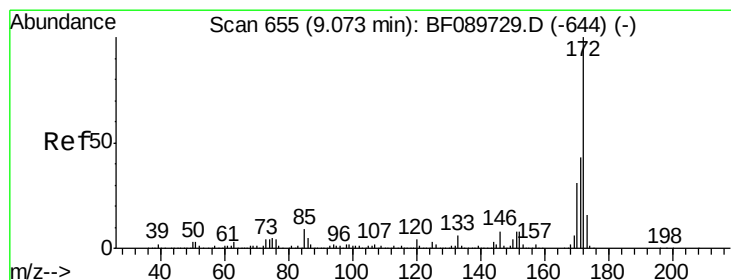
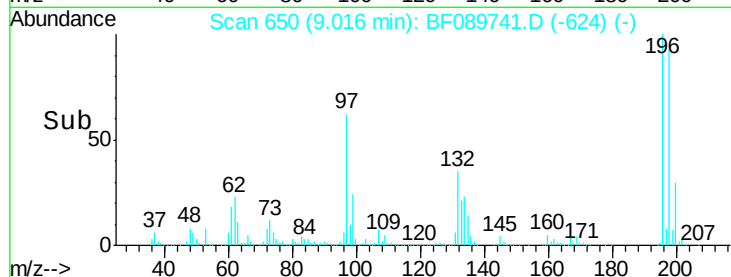
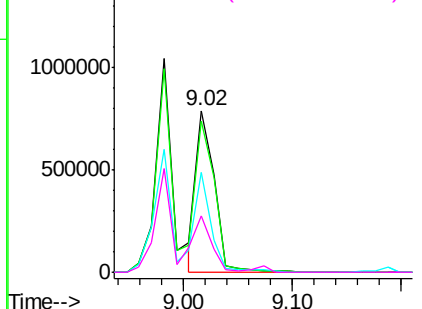
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 64.05 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

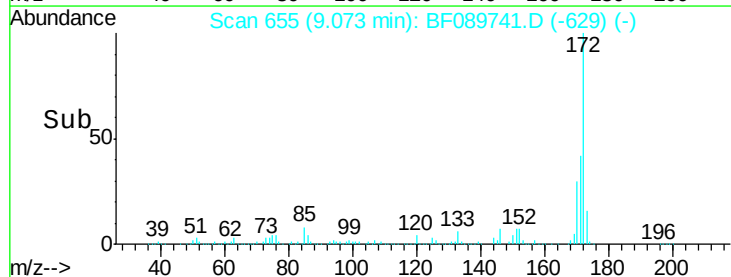
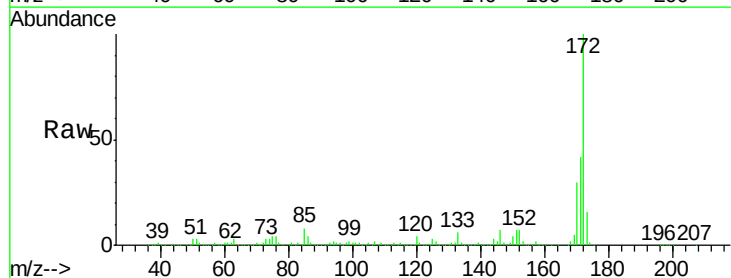
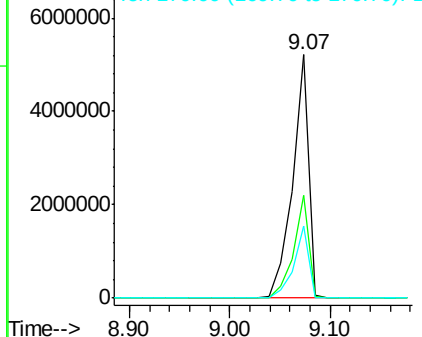
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5743739		
171	42.1	30.5	45.7	
170	29.6	20.6	31.0	

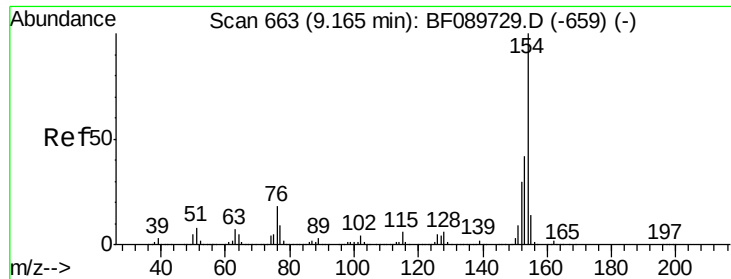
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





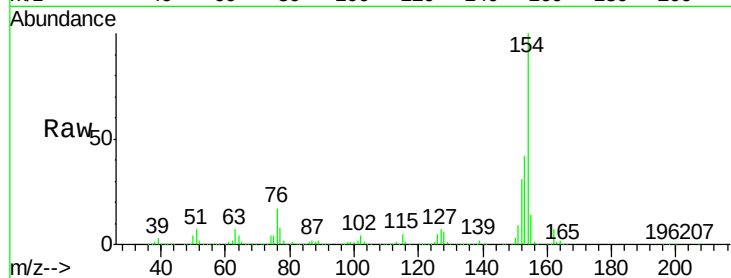
#45
 1,1'-Biphenyl
 Concen: 26.15 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.5	61.5
76	16.9	0.0	36.7

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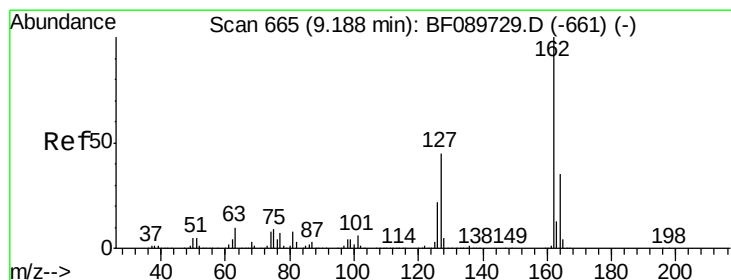
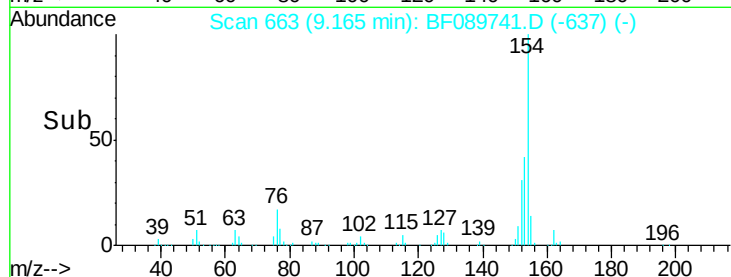
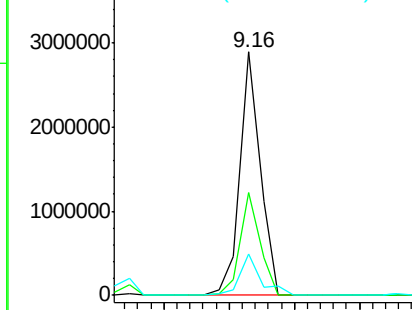


Abundance

Ion 154.00 (153.70 to 154.70): E

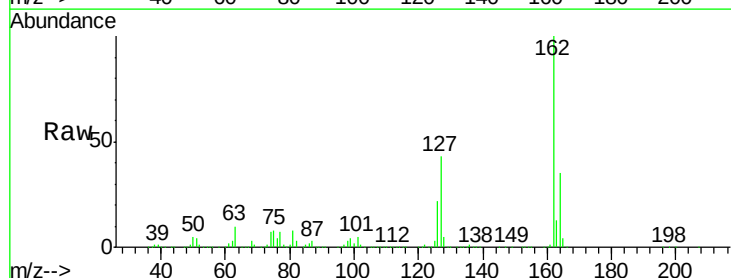
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 31.83 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.4	35.5	53.3
164	35.1	26.6	40.0

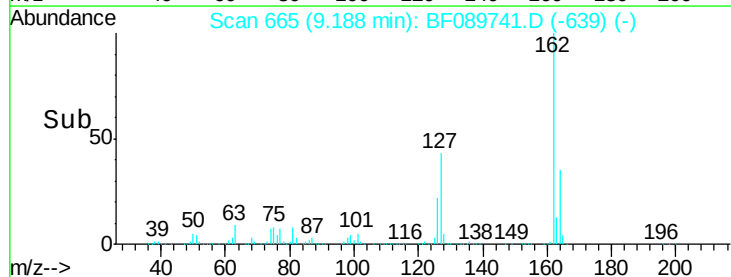
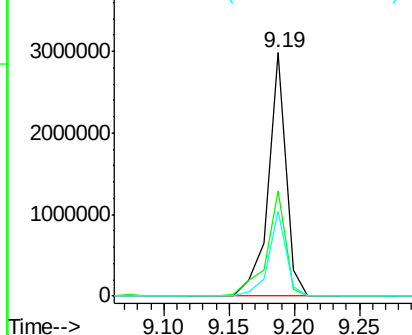


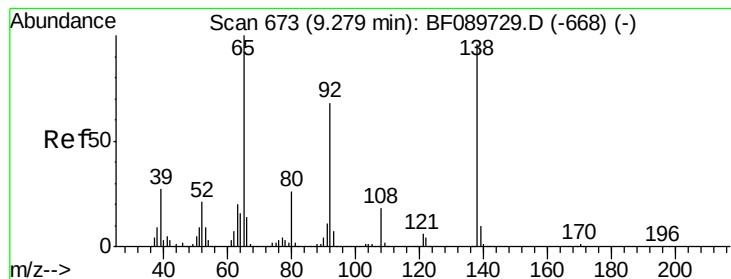
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





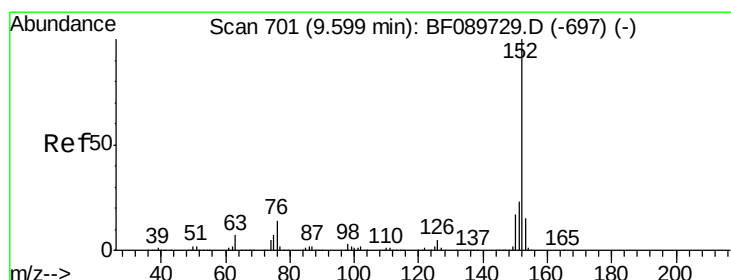
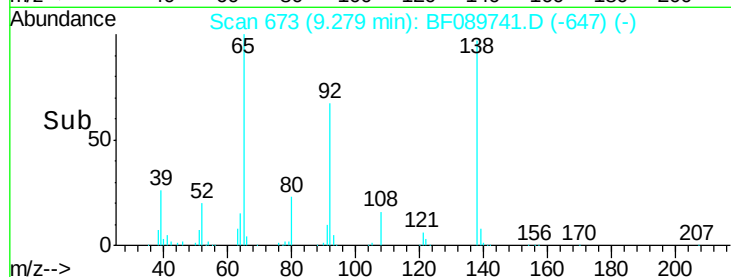
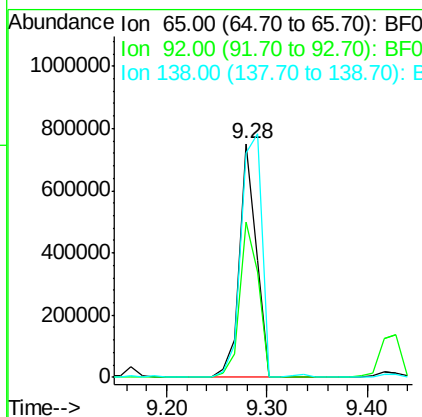
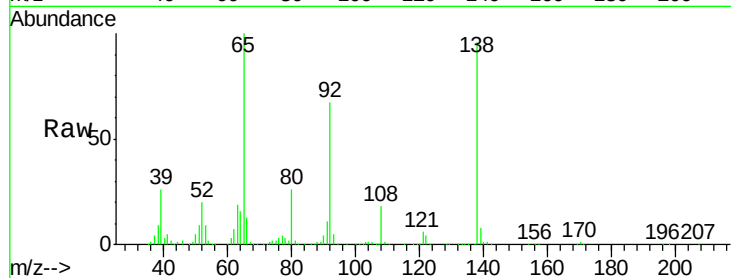
#47
2-Nitroaniline
Concen: 32.32 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	56.3	84.5
138	95.8	81.8	122.8

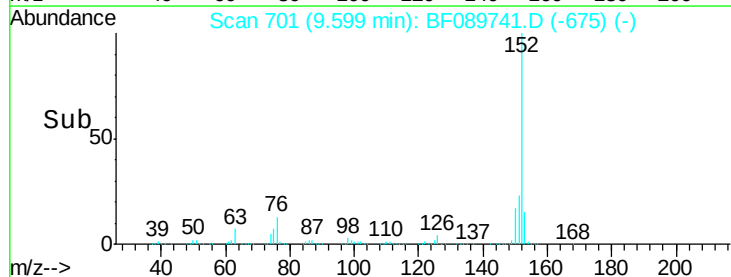
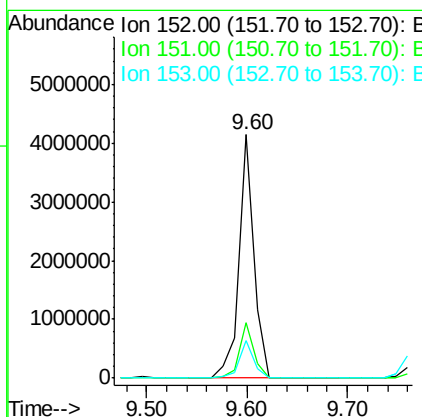
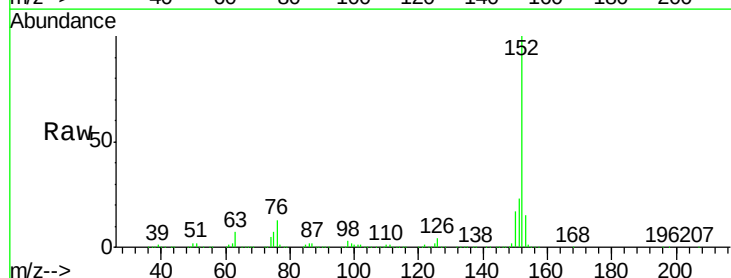
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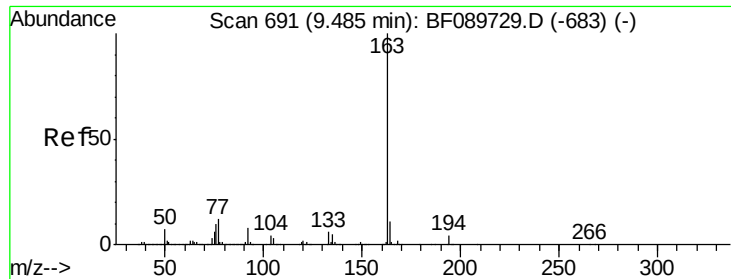
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#48
Acenaphthylene
Concen: 31.00 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	15.3	11.2	16.8





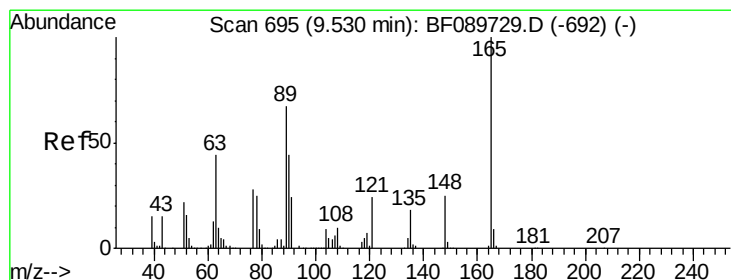
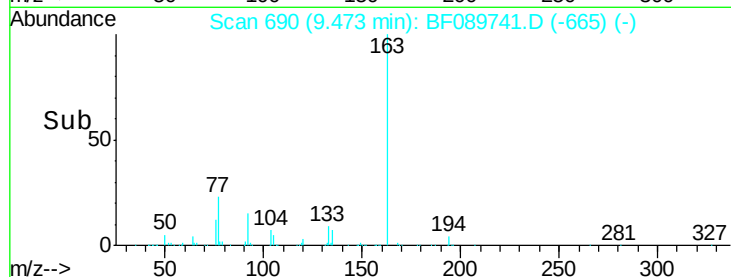
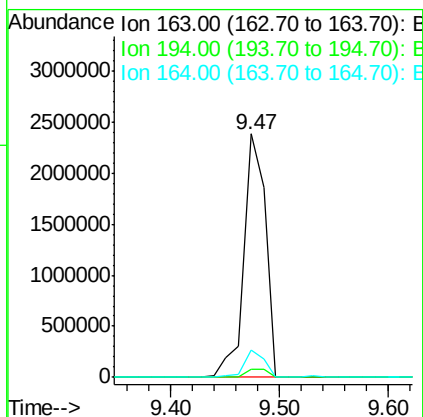
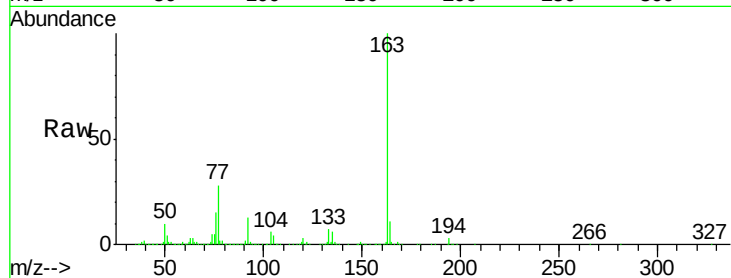
#49
Dimethylphthalate
Concen: 31.45 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	3.8
164	11.4	8.6	12.8

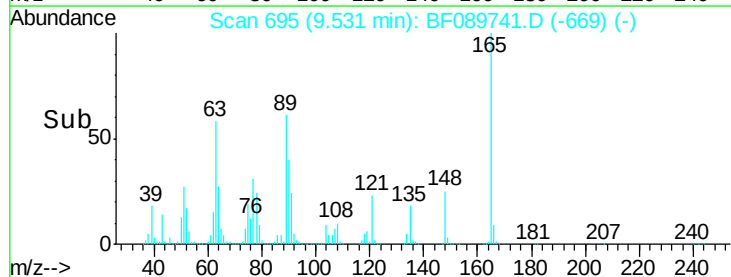
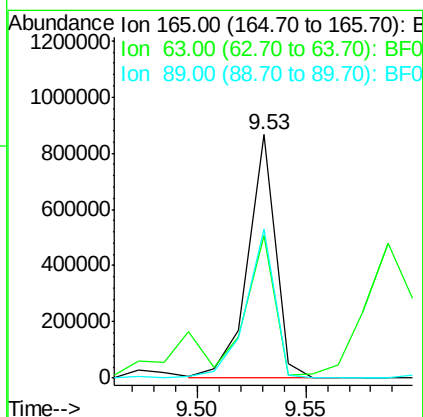
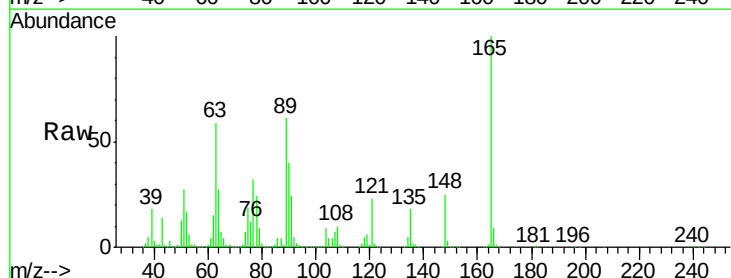
Manual Integrations
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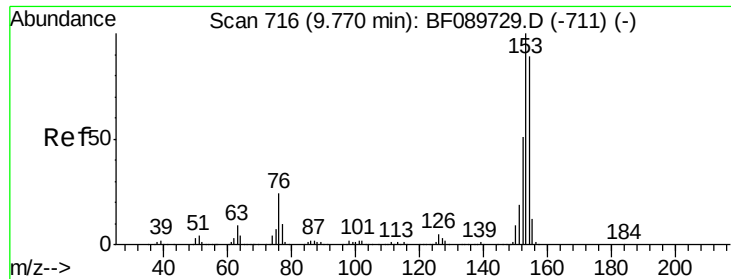
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#50
2,6-Dinitrotoluene
Concen: 32.56 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.5	41.7	62.5
89	61.1	44.6	67.0





#51

Acenaphthene

Concen: 33.88 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tot Ion:154 Resp: 3142758

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

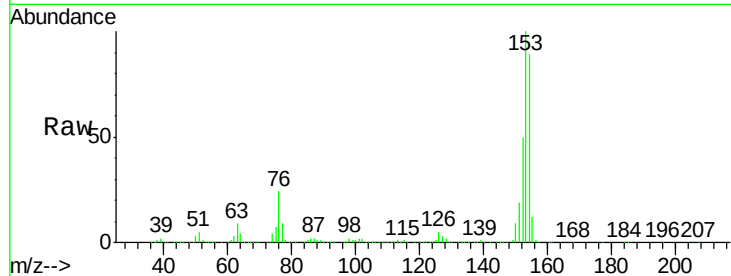
152 56.3 44.6 67.0

Manual Integrations

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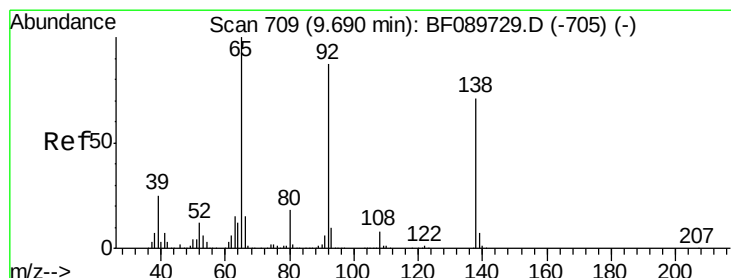
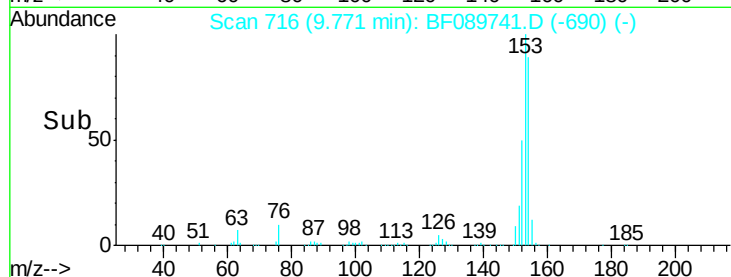
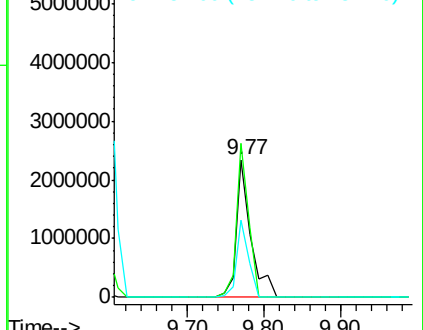
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.39 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

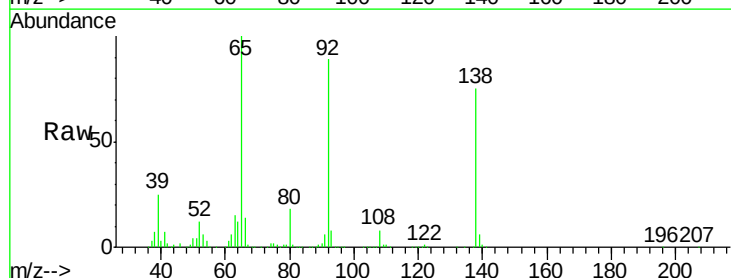
Tgt Ion:138 Resp: 586070

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

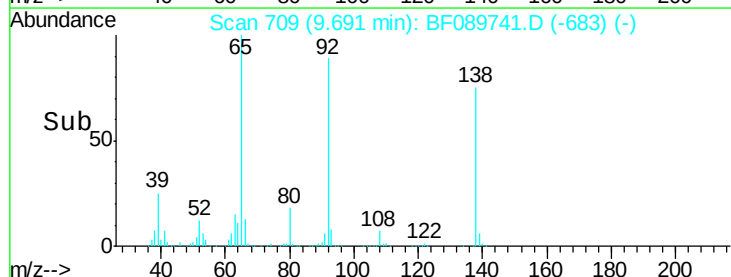
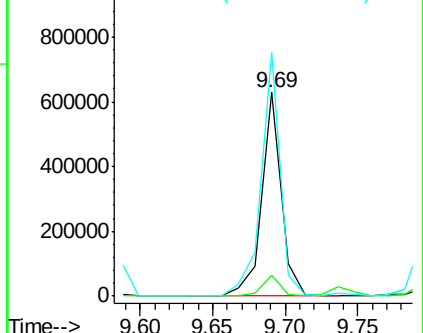
92 119.6 92.7 139.1

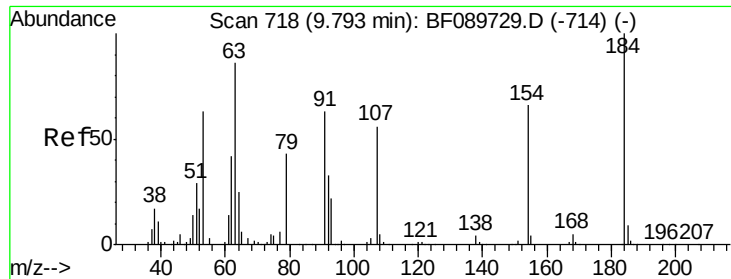


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





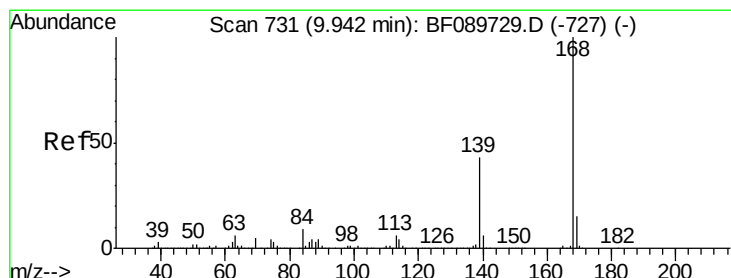
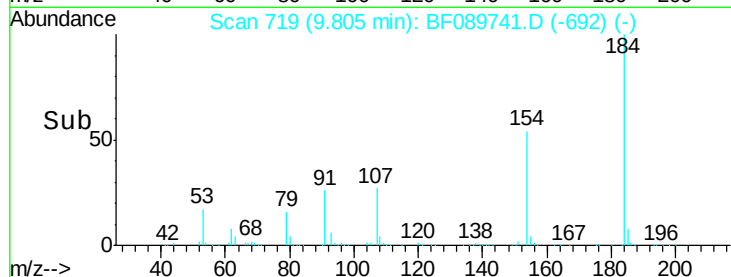
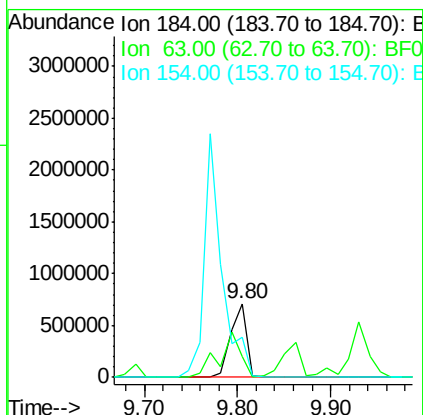
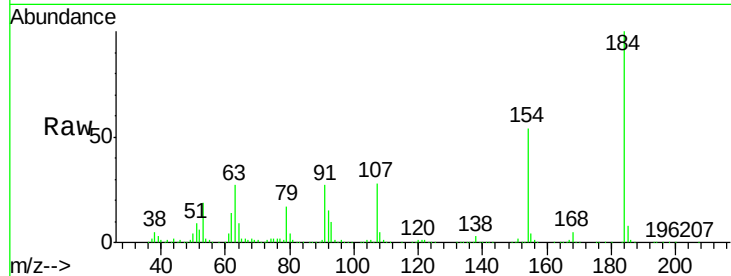
#53
2,4-Dinitrophenol
Concen: 82.15 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	27.5	54.2	81.4#
154	54.0	52.7	79.1

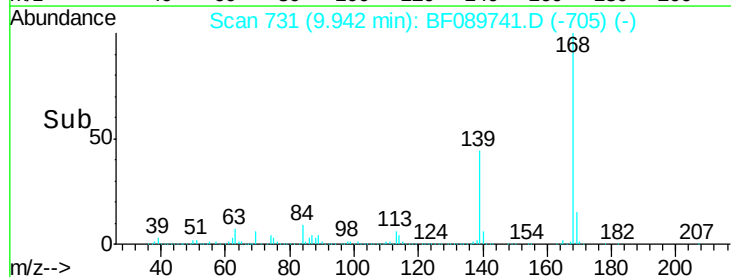
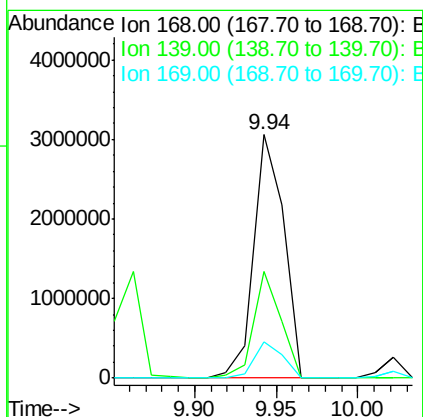
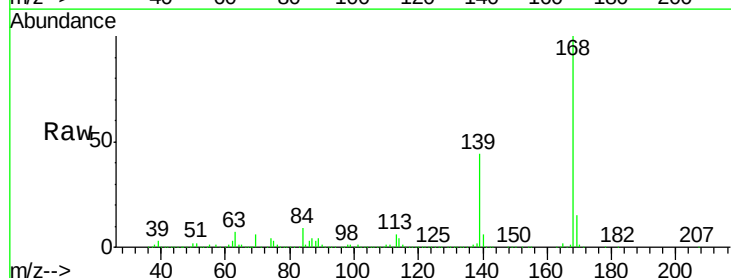
Manual Integrations
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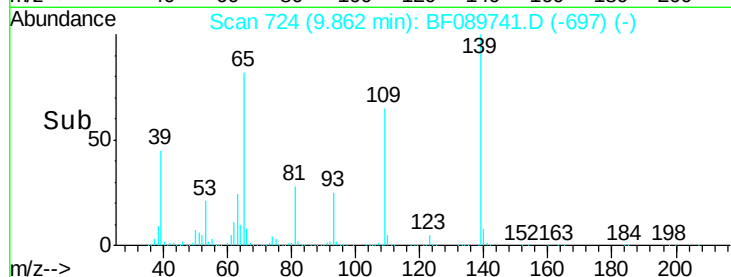
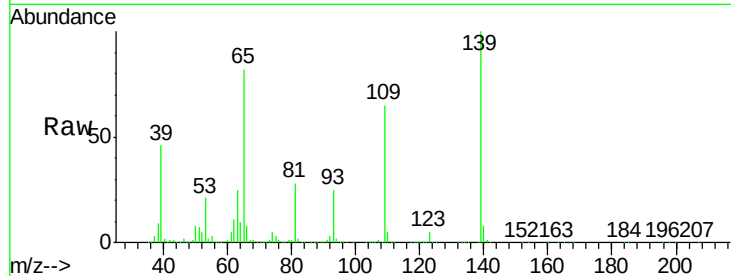
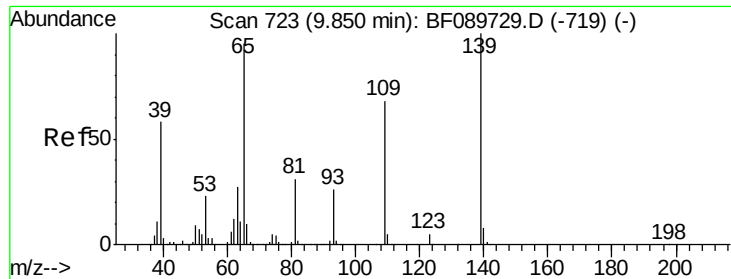
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#54
Dibenzofuran
Concen: 34.42 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	34.6	52.0
169	14.9	11.5	17.3





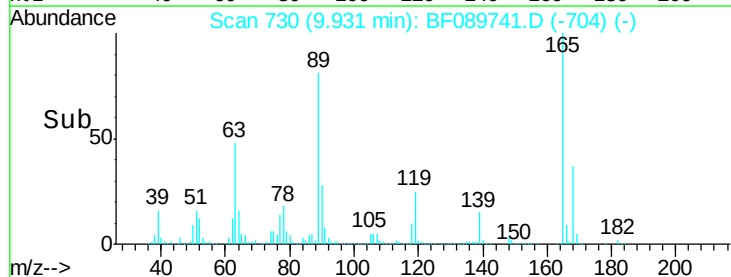
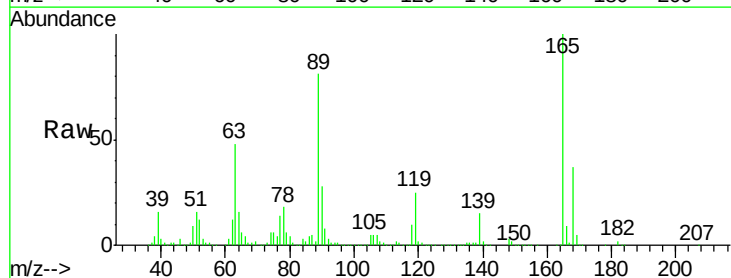
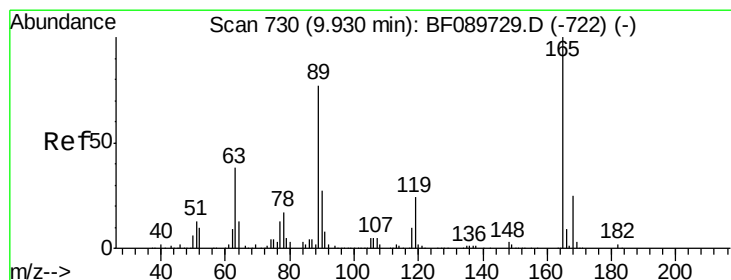
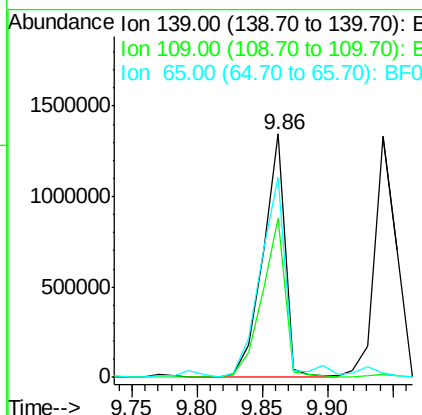
#55
4-Nitrophenol
Concen: 76.01 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tot Ion:139 Resp: 1602290
Ion Ratio Lower Upper
139 100
109 65.3 43.0 83.0
65 82.0 55.7 95.7

Instrument :
BNA_F
ClientSampleId :
PB92811BS

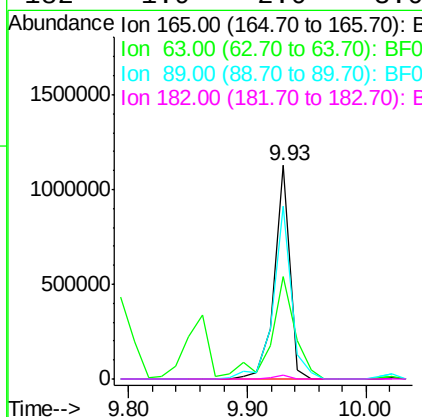
Manual Integrations
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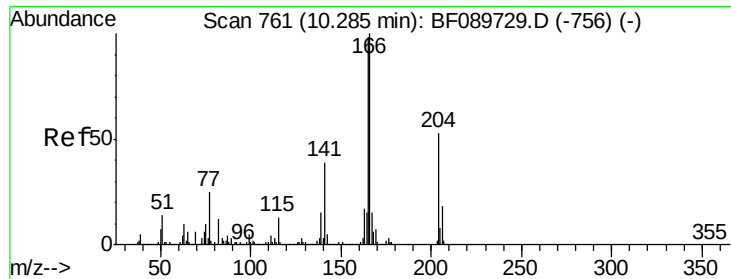
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#56
2,4-Dinitrotoluene
Concen: 33.87 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion:165 Resp: 1026129
Ion Ratio Lower Upper
165 100
63 47.9 23.7 35.5#
89 80.8 44.0 66.0#
182 1.9 2.0 3.0#





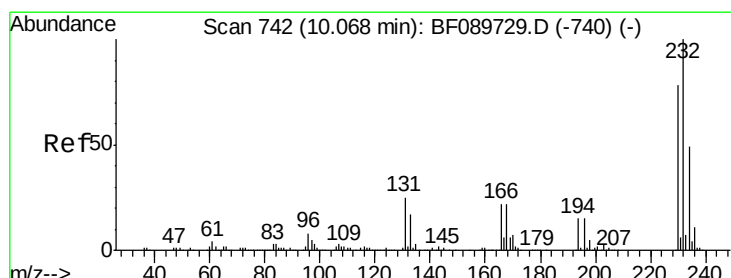
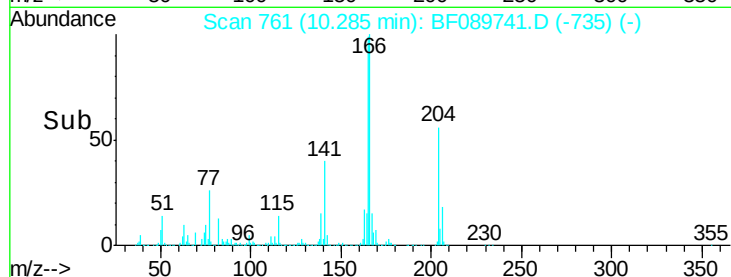
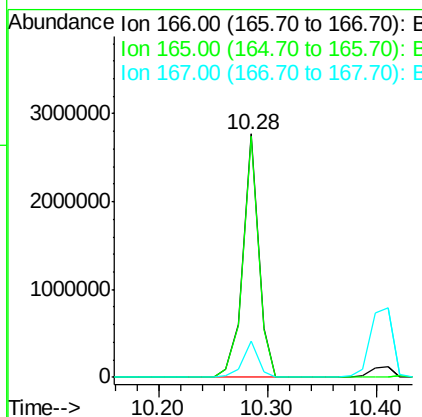
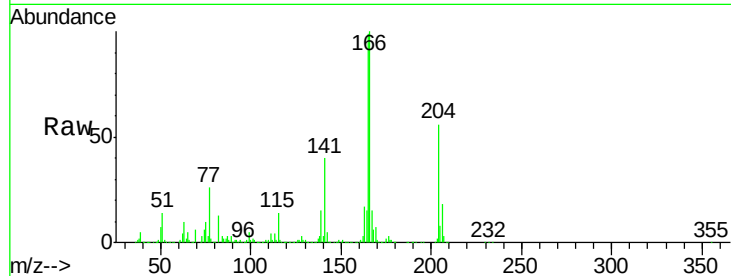
#57
 Fluorene
 Concen: 29.96 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.2	120.4
167	14.7	11.3	16.9

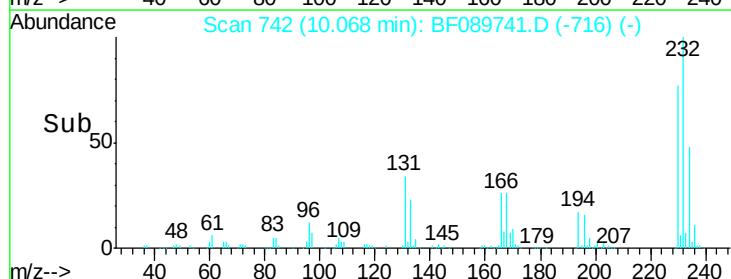
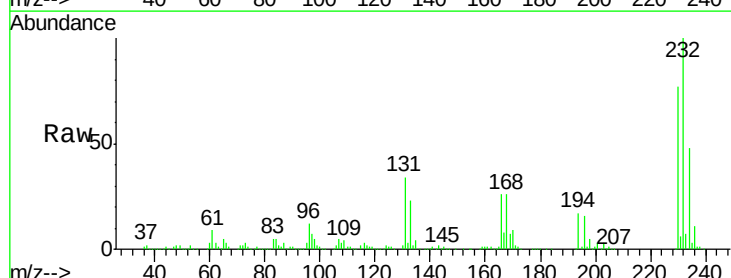
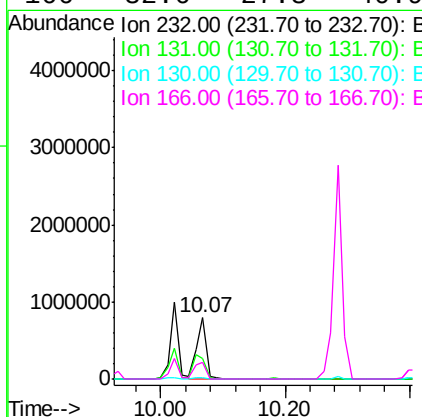
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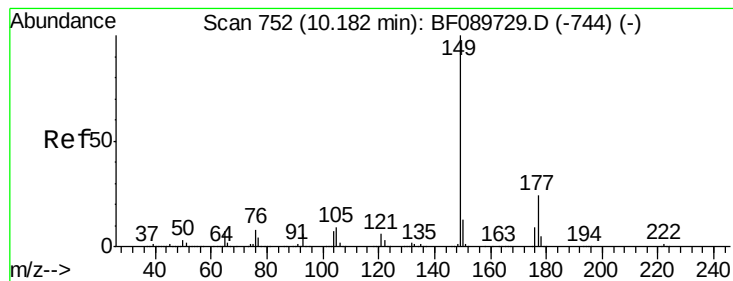
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.65 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.6	42.5	63.7
130	2.2	2.2	3.4#
166	32.6	27.3	40.9





#59

Diethylphthalate

Concen: 34.31 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:149 Resp: 3622516

Ion Ratio Lower Upper

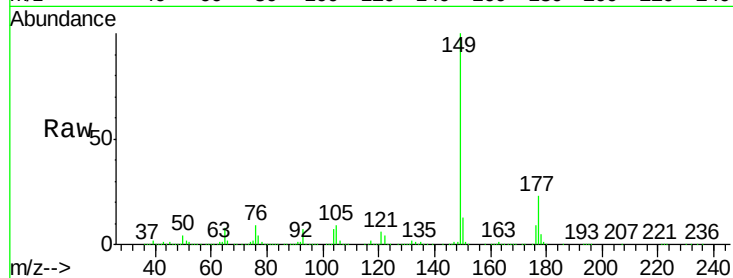
149 100

177 23.0 16.6 25.0

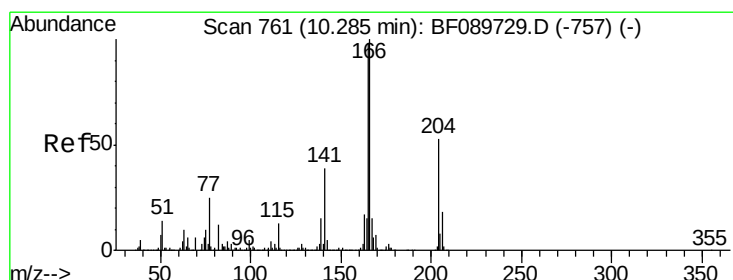
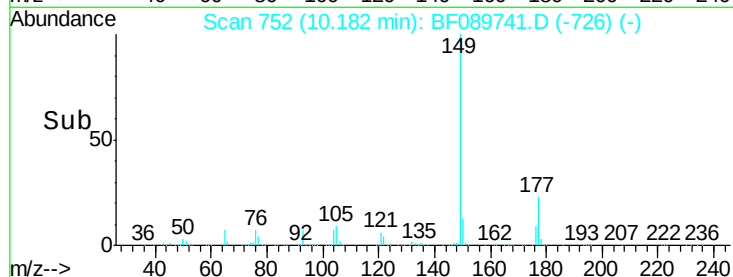
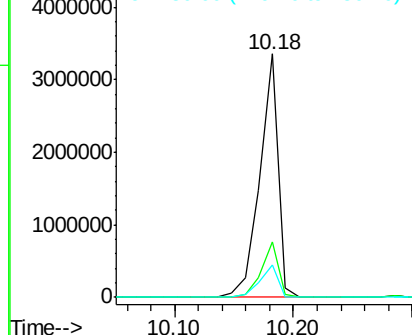
150 13.5 10.5 15.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.09 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

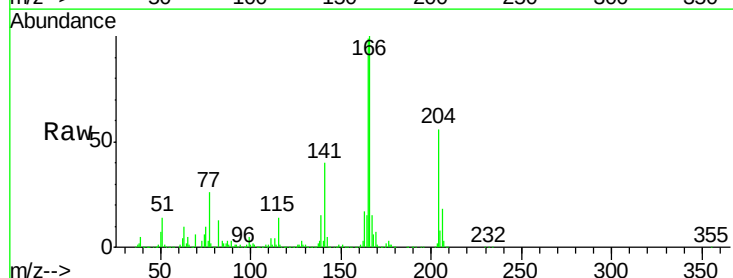
Tgt Ion:204 Resp: 1317210

Ion Ratio Lower Upper

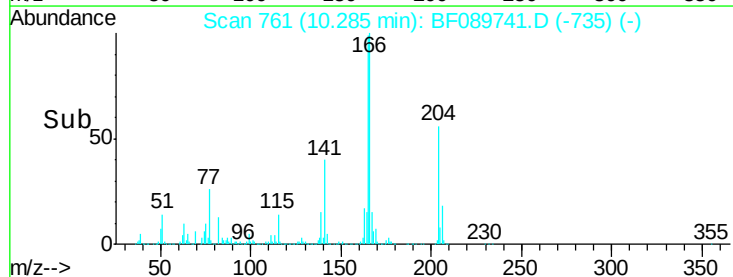
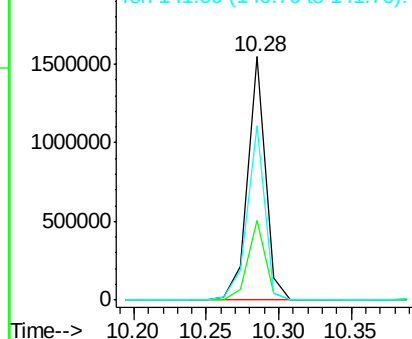
204 100

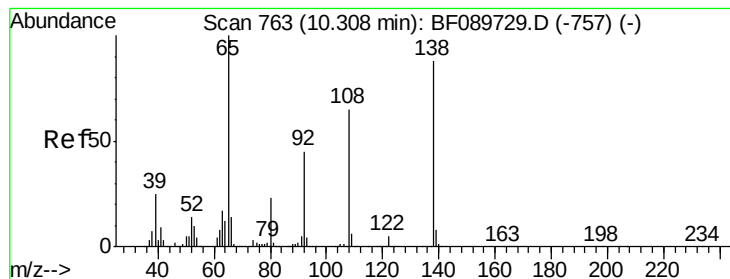
206 32.6 26.5 39.7

141 71.5 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





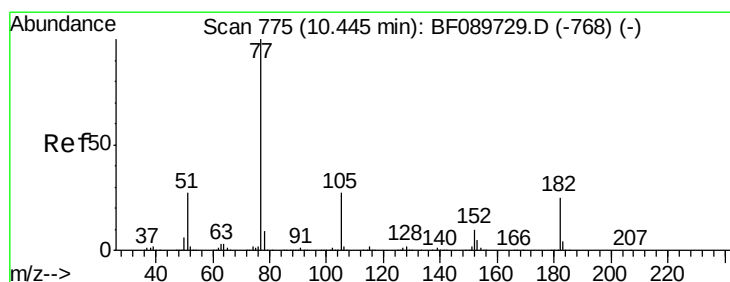
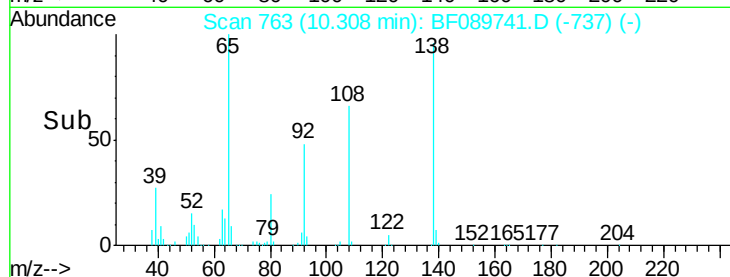
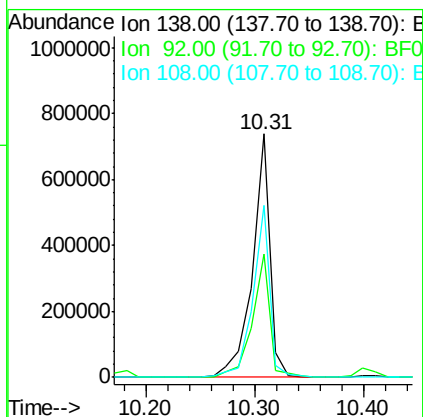
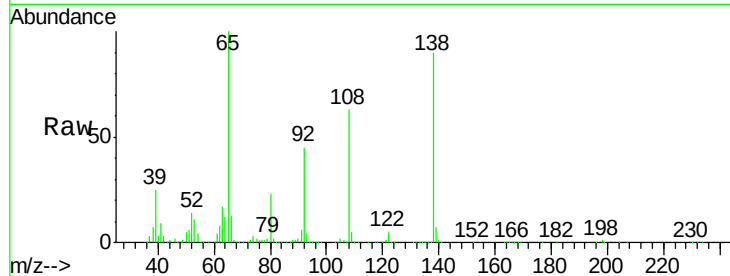
#61
4-Nitroaniline
Concen: 31.16 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampled :
PB92811BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	26.4	66.4
108	70.6	47.0	87.0

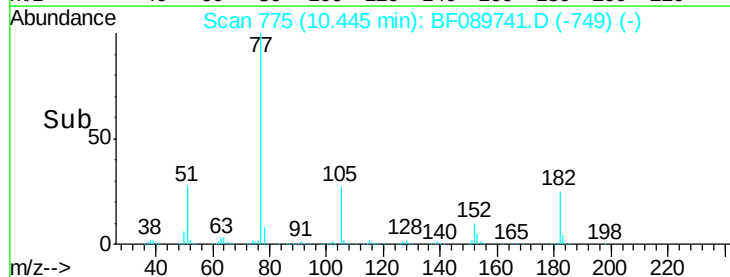
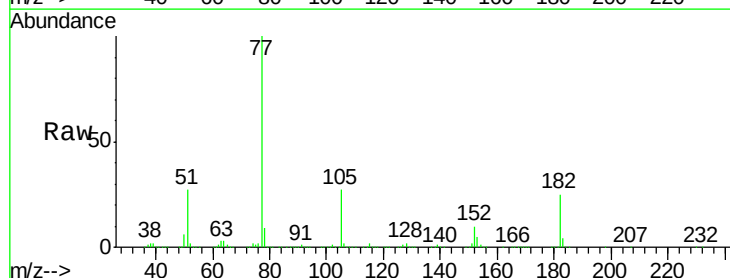
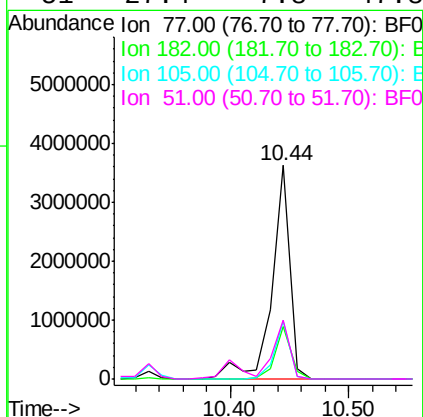
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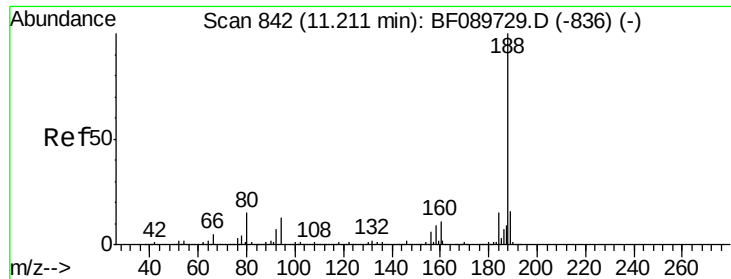
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#62
Azobenzene
Concen: 38.38 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.6	45.6
105	26.9	4.0	44.0
51	27.4	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tot Ion:188 Resp: 2766115

Ion Ratio Lower Upper

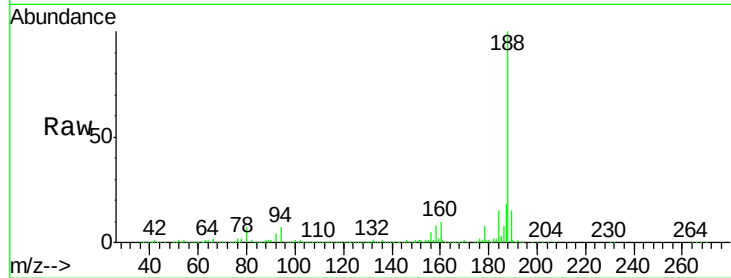
188 100

94 7.2 10.2 15.2#

80 7.2 10.9 16.3#

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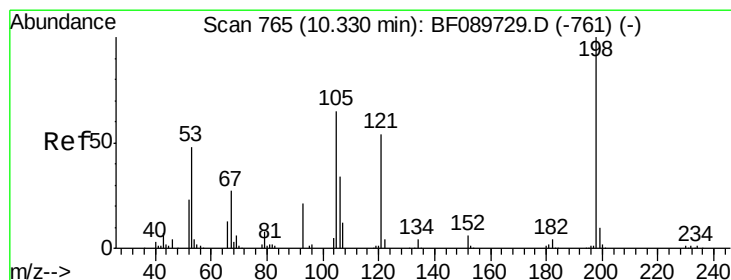
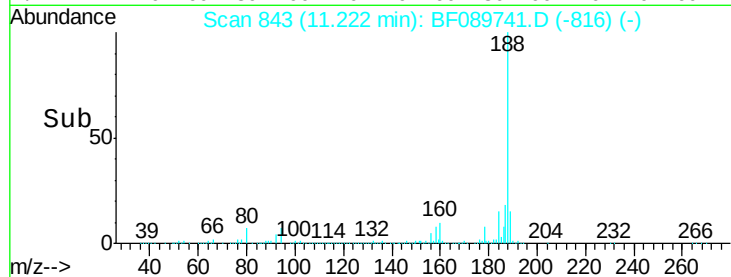
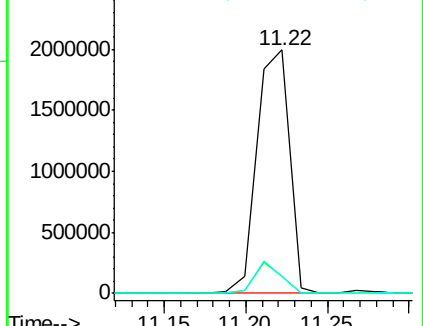
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.16 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

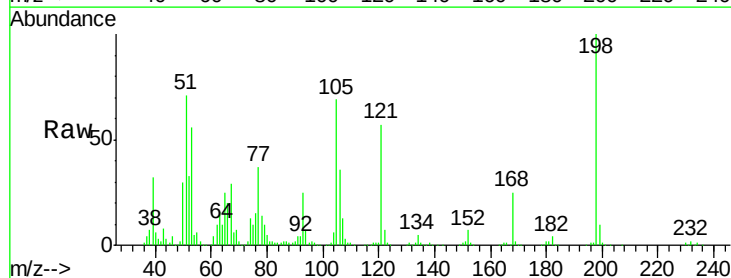
Tgt Ion:198 Resp: 484475

Ion Ratio Lower Upper

198 100

51 71.5 32.3 72.3

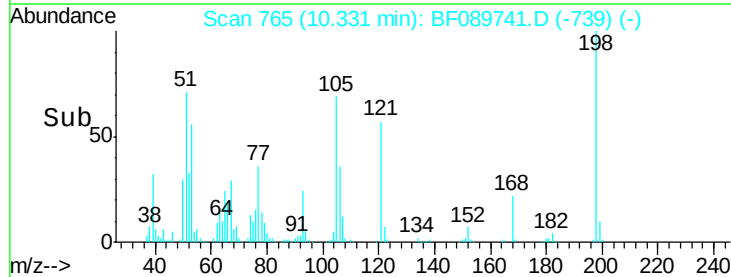
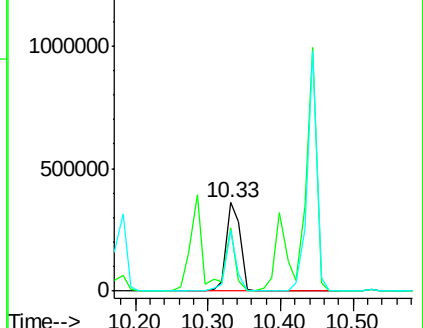
105 68.9 32.9 72.9

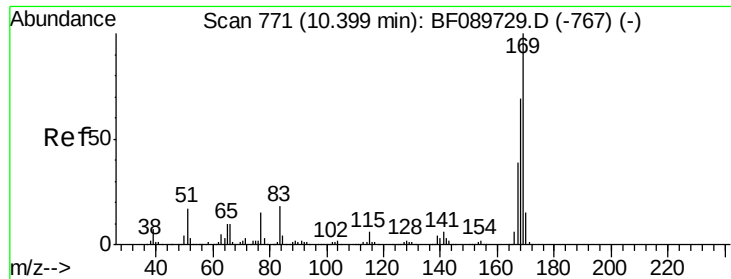


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.71 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleID :

PB92811BS

Tot Ion:169 Resp: 2926425

Ion Ratio Lower Upper

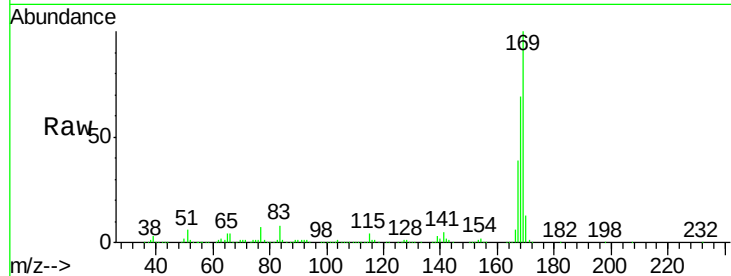
169 100

168 68.8 54.6 82.0

167 38.7 30.6 45.8

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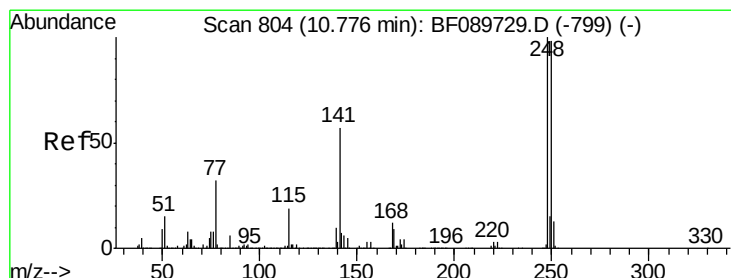
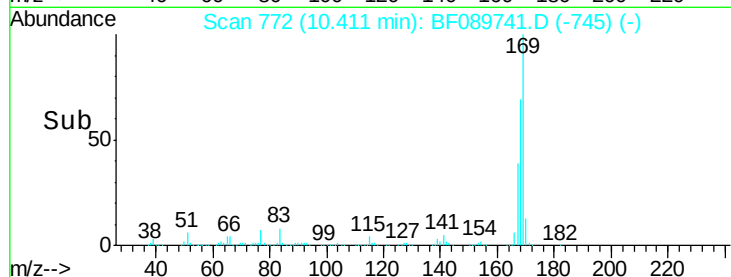
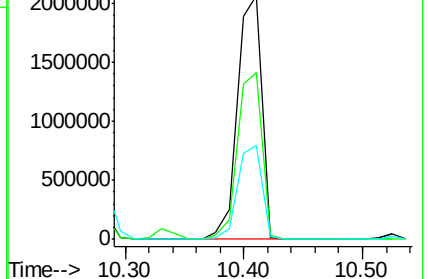
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.91 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

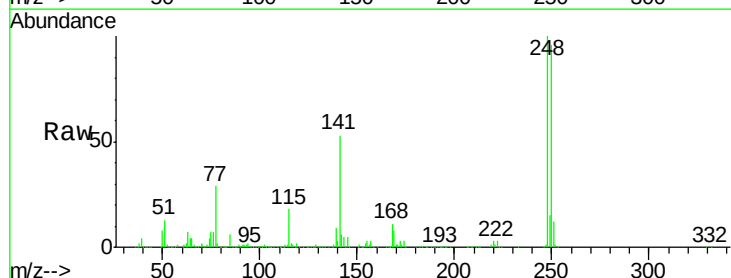
Tgt Ion:248 Resp: 971438

Ion Ratio Lower Upper

248 100

250 96.2 78.6 117.8

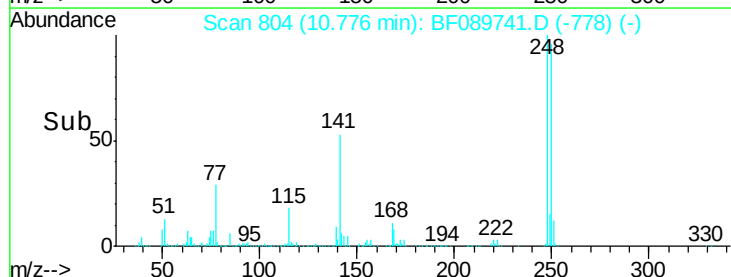
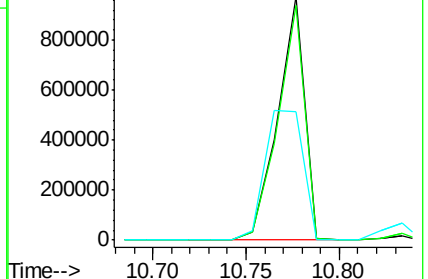
141 52.8 31.4 47.2#

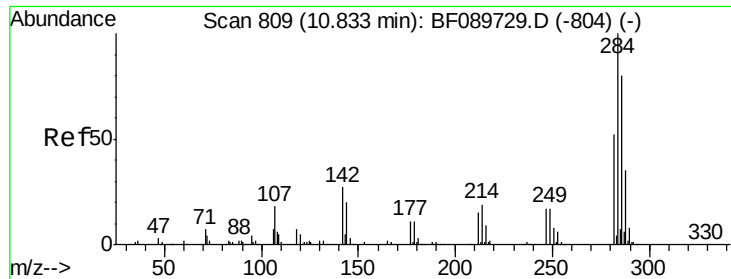


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.30 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:284 Resp: 1060447

Ion Ratio Lower Upper

284 100

142 31.9 17.4 26.2#

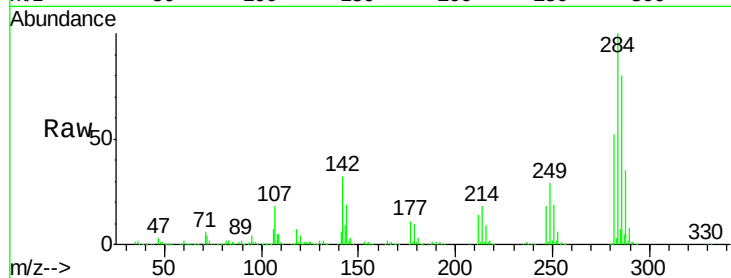
249 29.1 22.8 34.2

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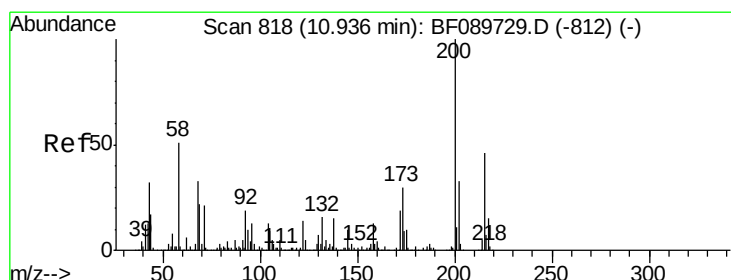
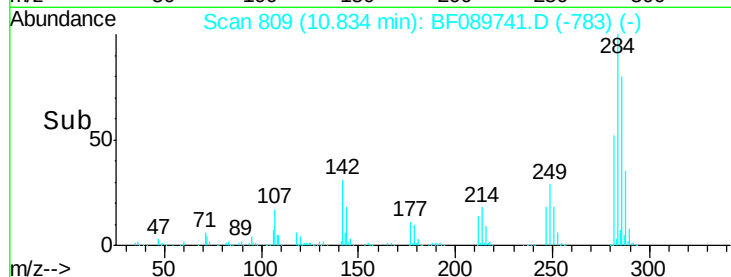
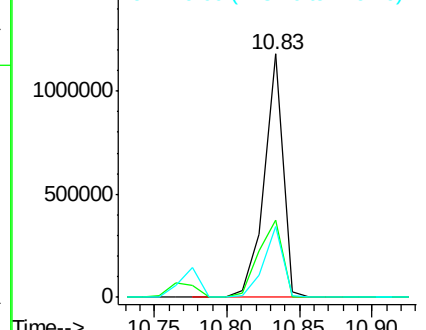
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.47 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

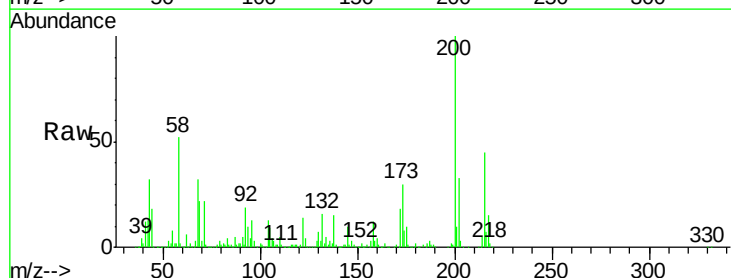
Tgt Ion:200 Resp: 827486

Ion Ratio Lower Upper

200 100

173 29.7 6.6 46.6

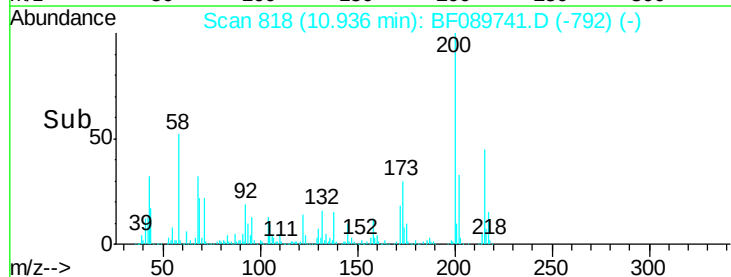
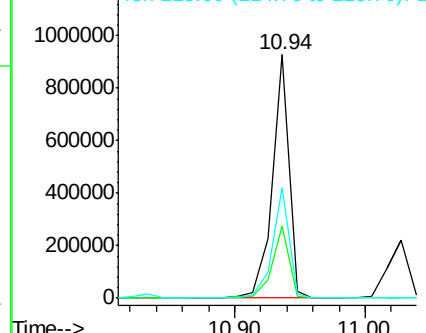
215 45.4 24.7 64.7

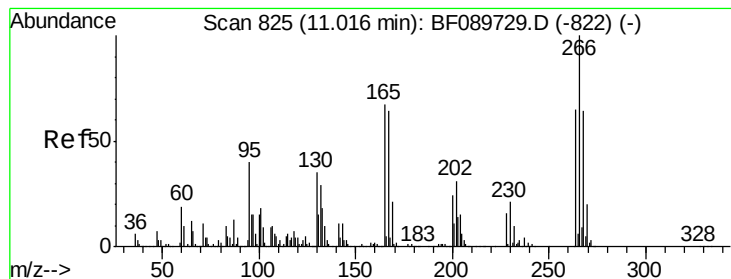


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.05 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:266 Resp: 1290512

Ion Ratio Lower Upper

266 100

268 65.2 53.2 79.8

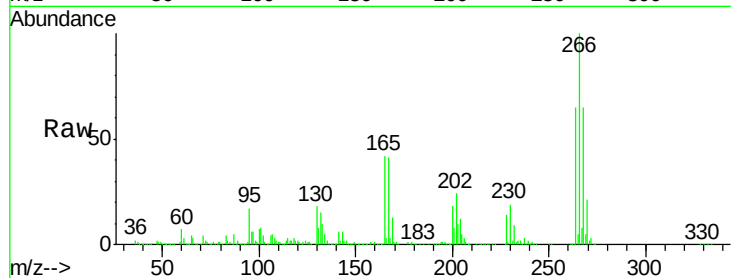
264 64.6 51.1 76.7

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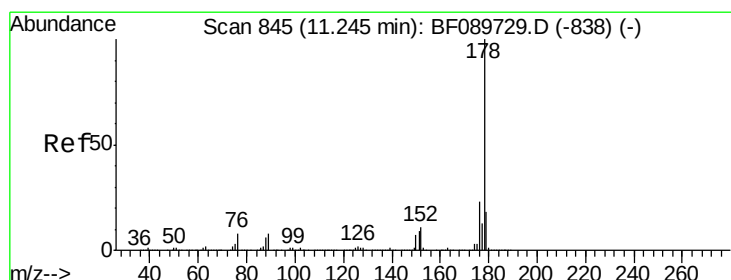
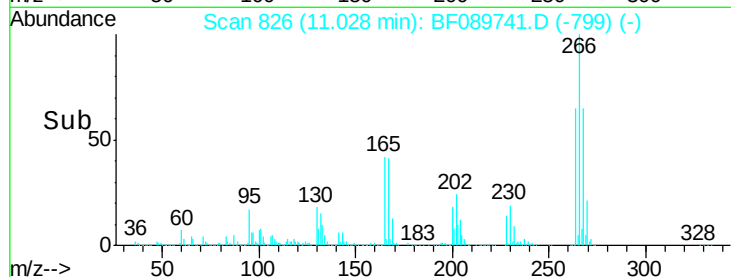
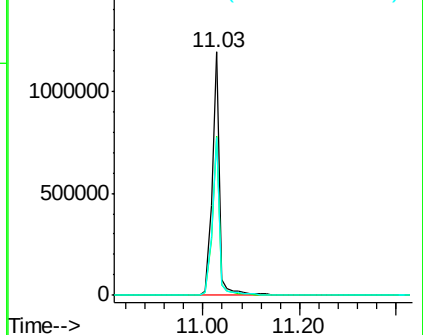
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.33 ng

RT: 11.25 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

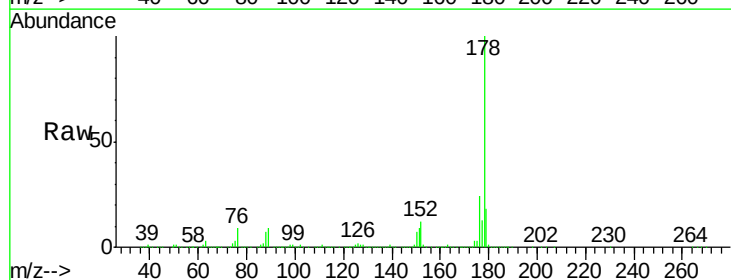
Tgt Ion:178 Resp: 4803017

Ion Ratio Lower Upper

178 100

176 23.7 16.4 24.6

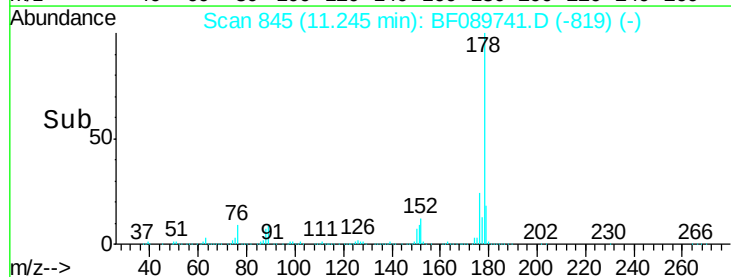
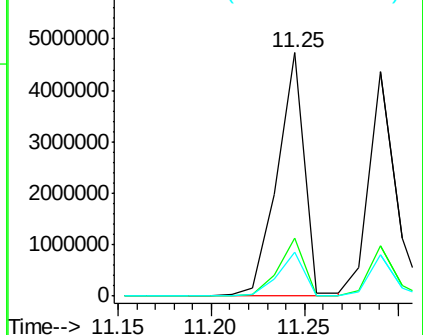
179 18.0 12.5 18.7

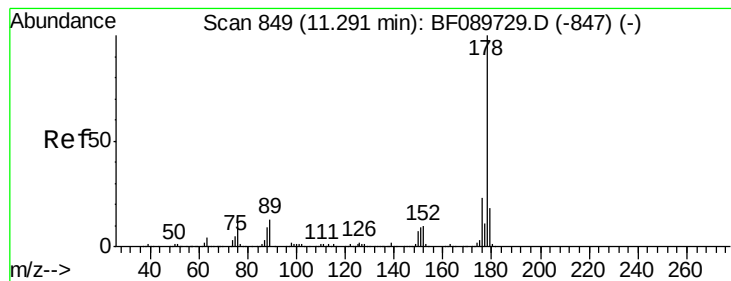


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.41 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:178 Resp: 4177327

Ion Ratio Lower Upper

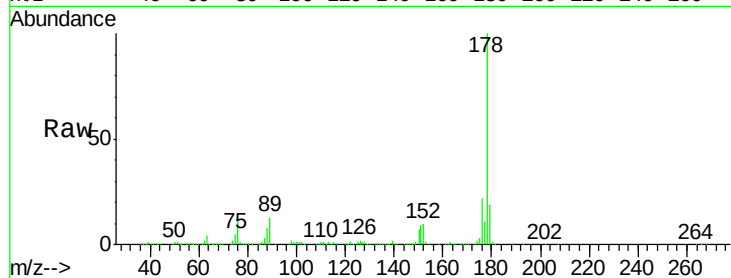
178 100

176 22.3 16.4 24.6

179 18.6 13.1 19.7

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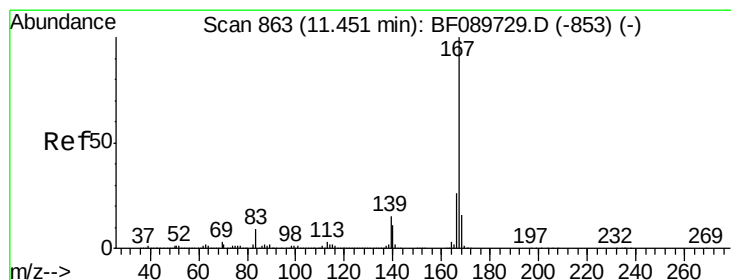
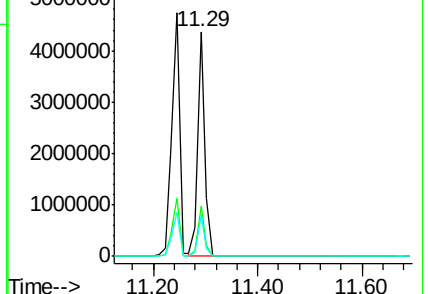
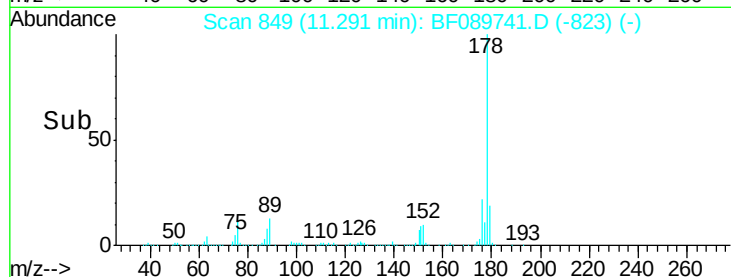
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.09 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

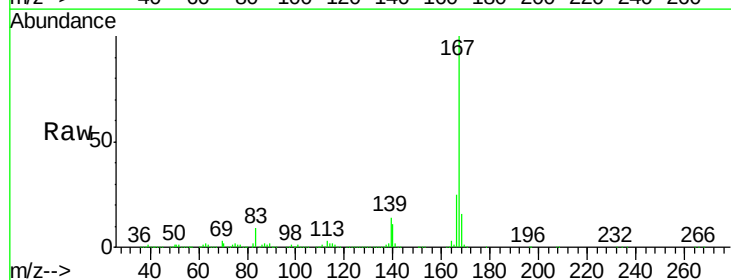
Tgt Ion:167 Resp: 4722445

Ion Ratio Lower Upper

167 100

166 25.0 17.9 26.9

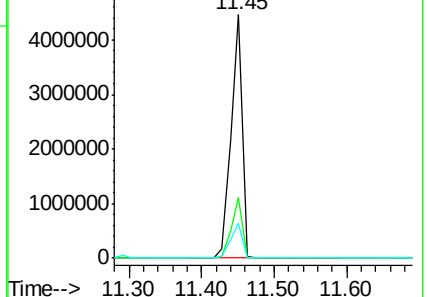
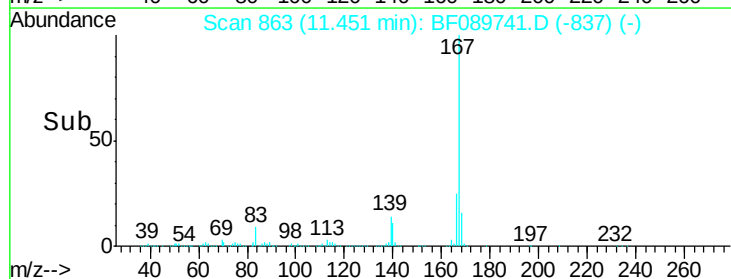
139 14.4 12.4 18.6

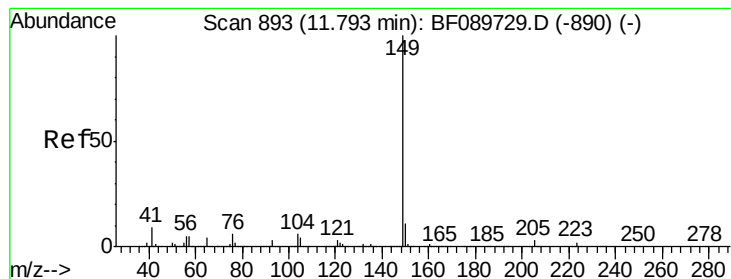


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.96 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:149 Resp: 4904529

Ion Ratio Lower Upper

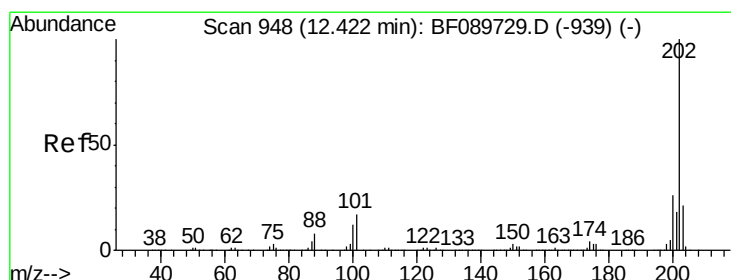
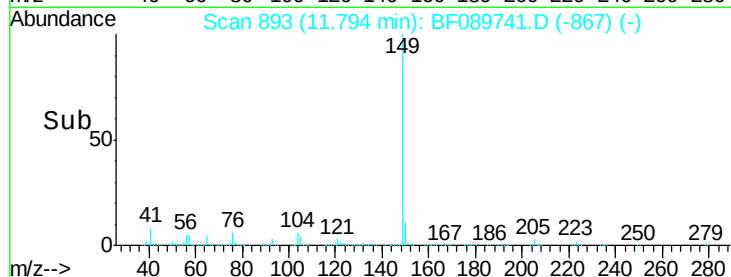
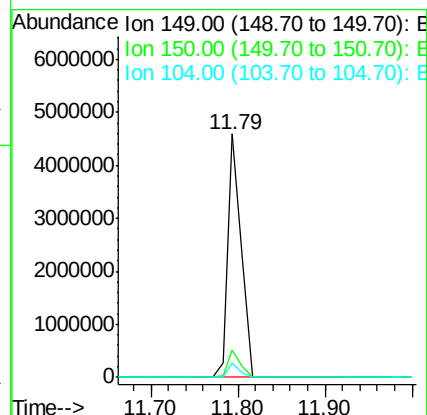
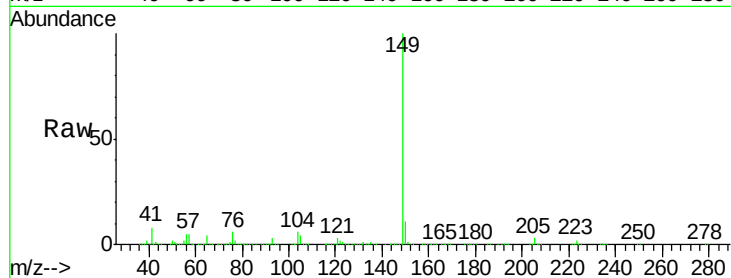
149 100

150 11.3 7.9 11.9

104 6.0 4.3 6.5

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#74

Fluoranthene

Concen: 31.82 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

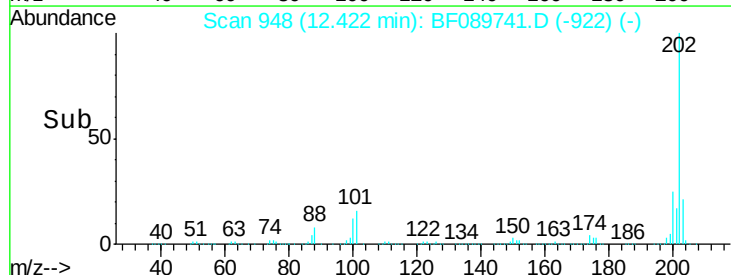
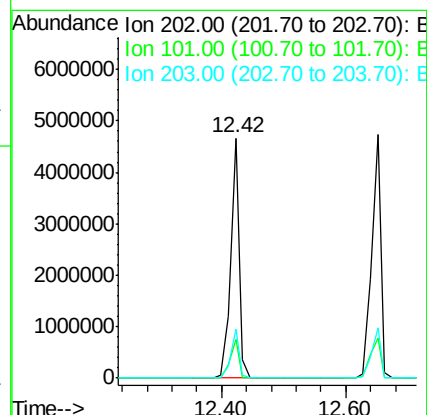
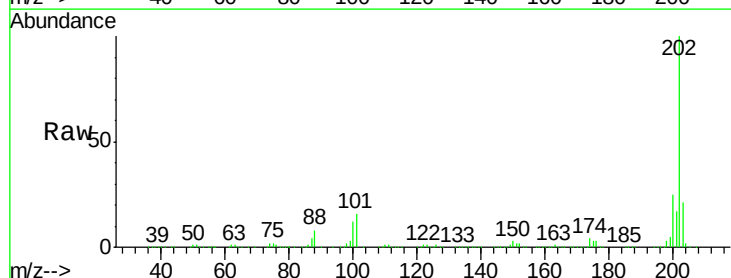
Tgt Ion:202 Resp: 4346849

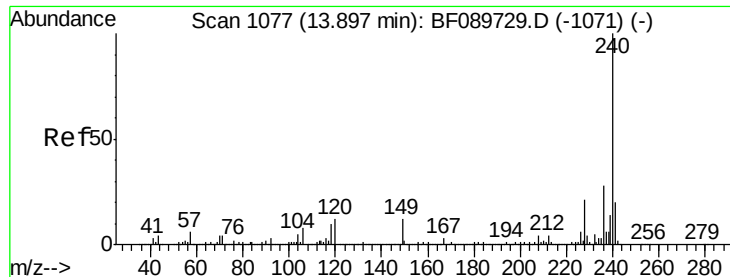
Ion Ratio Lower Upper

202 100

101 16.1 0.0 31.2

203 20.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:240 Resp: 2073956

Ion Ratio Lower Upper

240 100

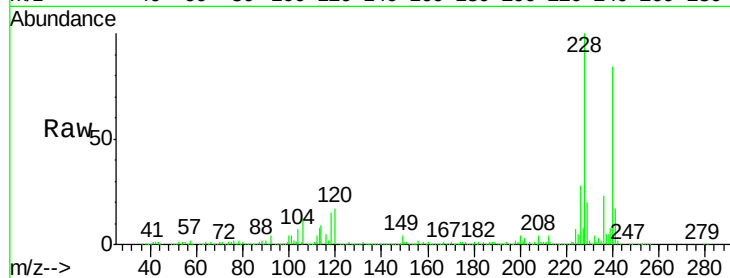
120 19.9 8.3 12.5#

236 27.1 21.3 31.9

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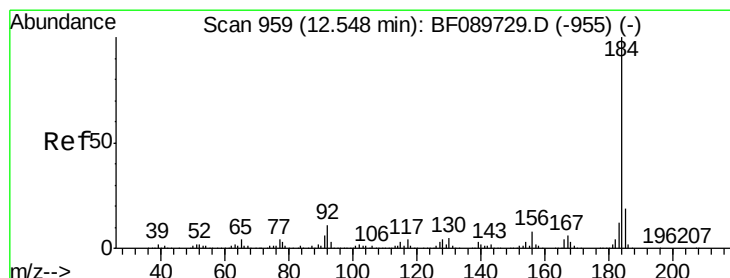
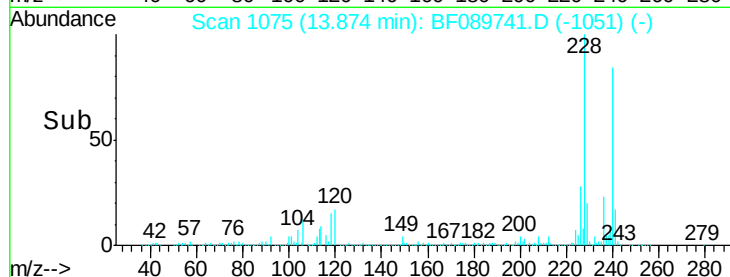
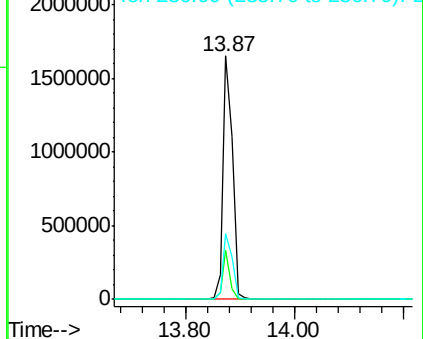
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.33 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

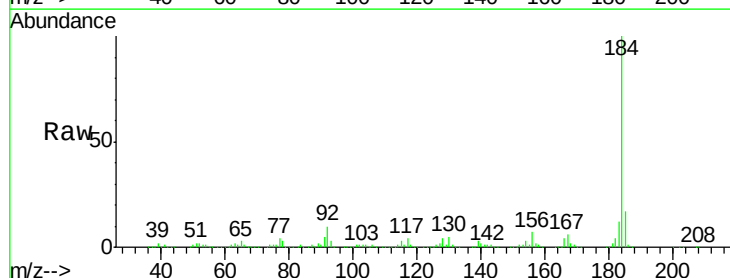
Tgt Ion:184 Resp: 1438958

Ion Ratio Lower Upper

184 100

185 17.3 13.8 20.8

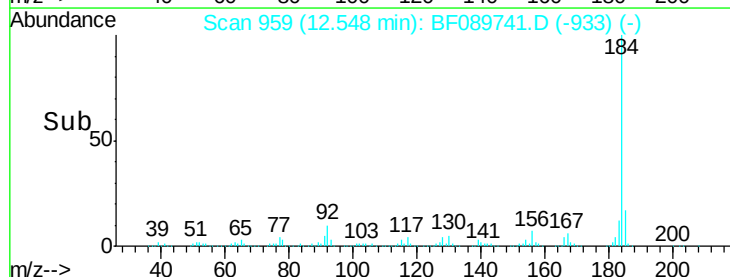
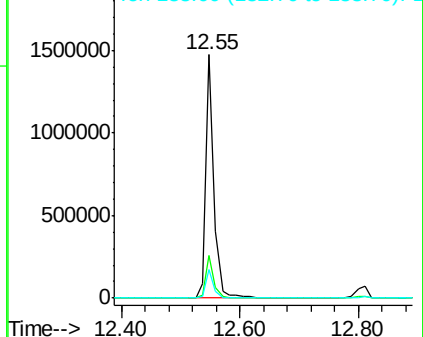
183 11.6 9.7 14.5

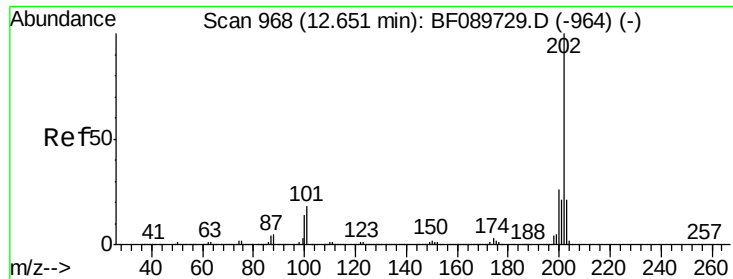


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.81 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:202 Resp: 4723962

Ion Ratio Lower Upper

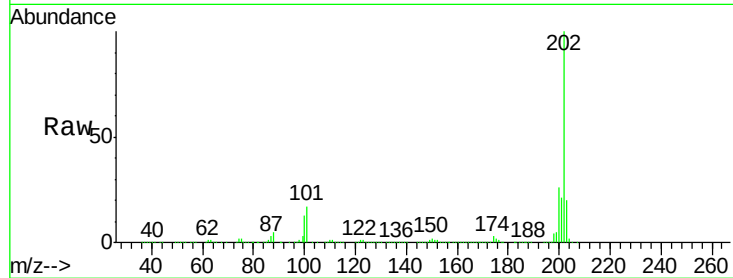
202 100

200 25.9 17.8 26.6

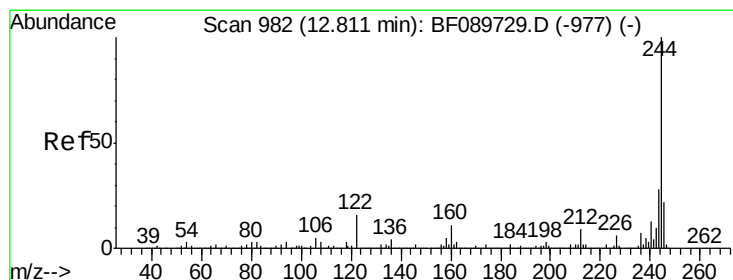
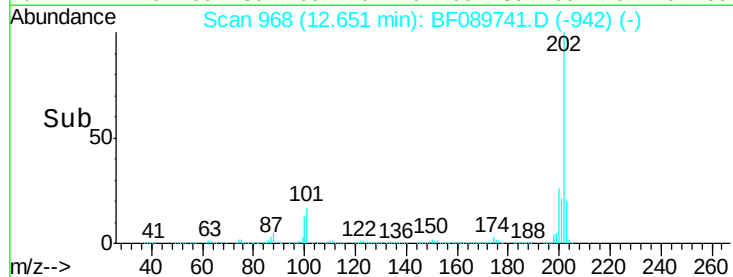
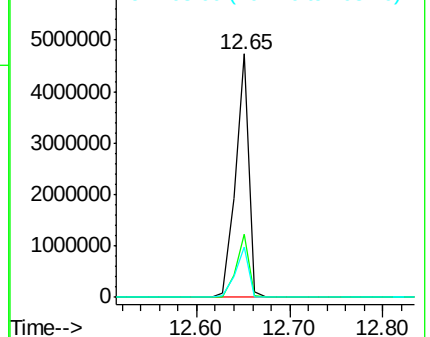
203 20.5 14.2 21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.49 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

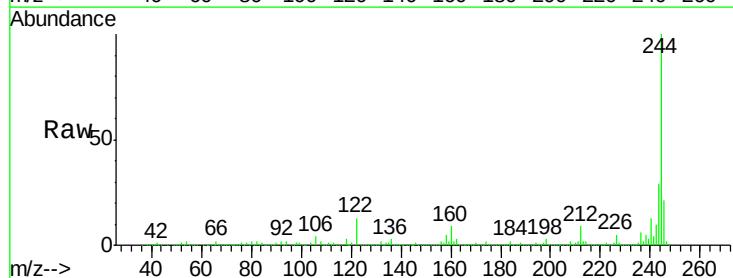
Tgt Ion:244 Resp: 5240760

Ion Ratio Lower Upper

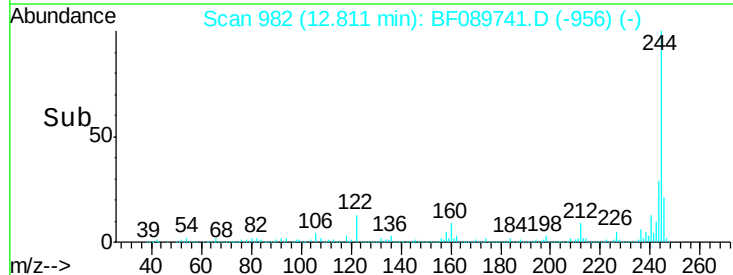
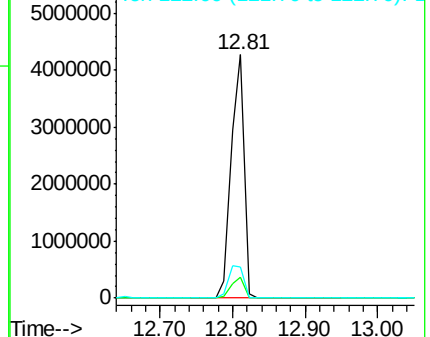
244 100

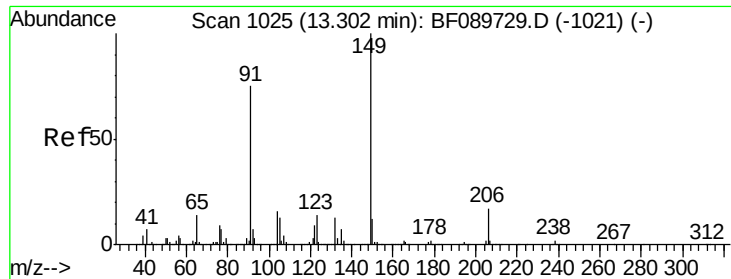
212 8.8 6.3 9.5

122 12.9 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.89 ng

RT: 13.30 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tot Ion:149 Resp: 2443406

Ion Ratio Lower Upper

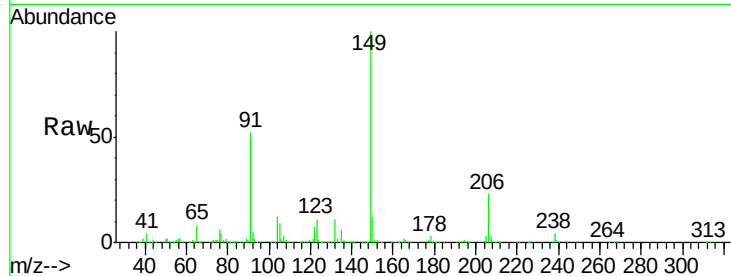
149 100

91 52.4 50.7 76.1

206 22.5 15.5 23.3

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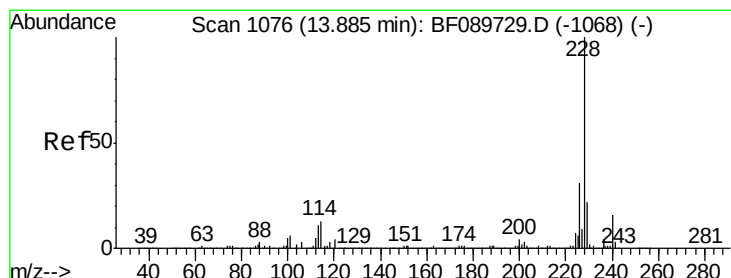
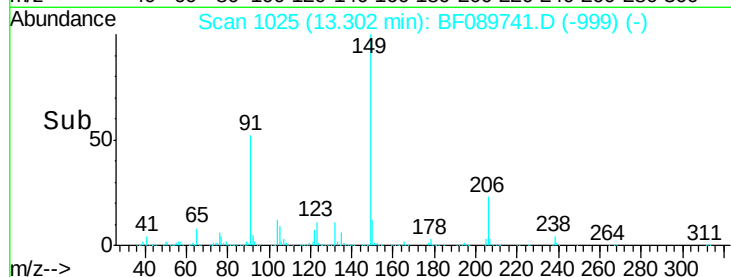
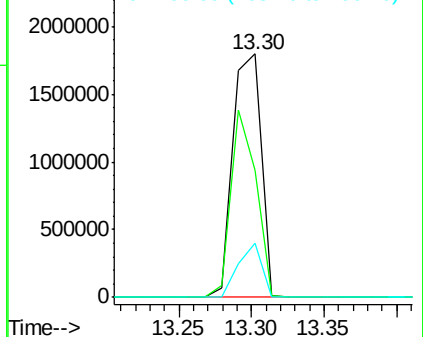
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.15 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

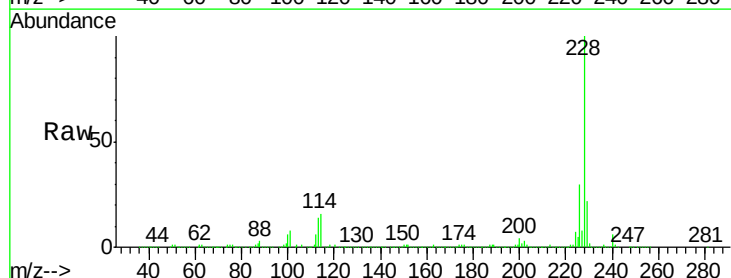
Tgt Ion:228 Resp: 4235608

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

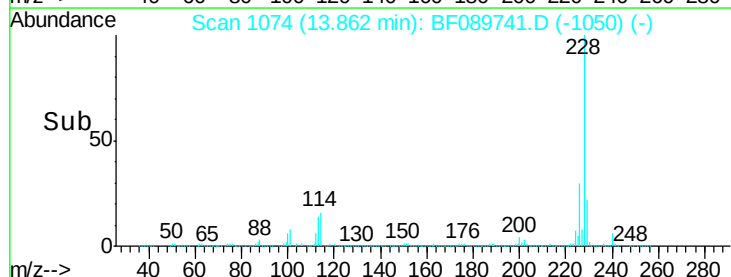
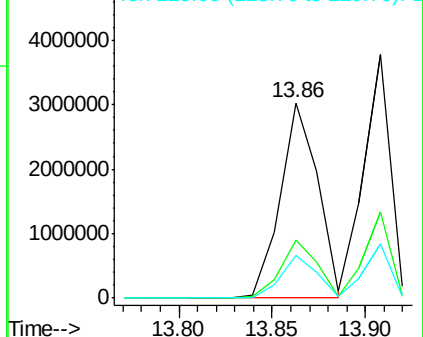
229 21.7 16.2 24.4

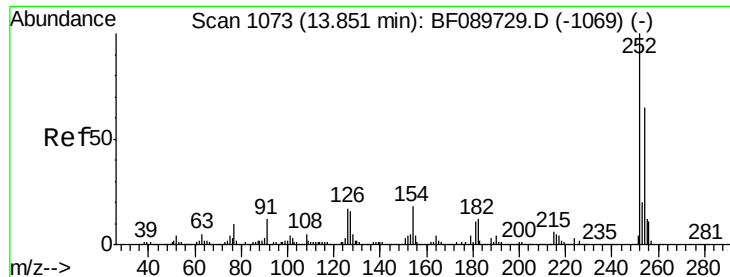


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





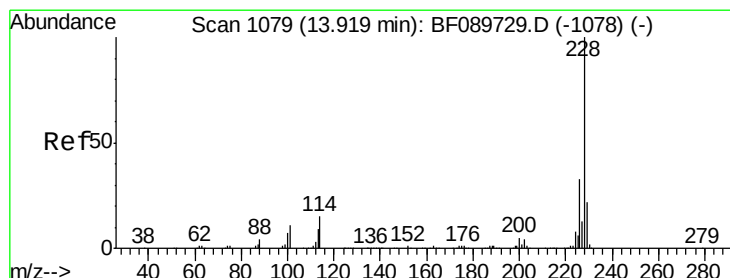
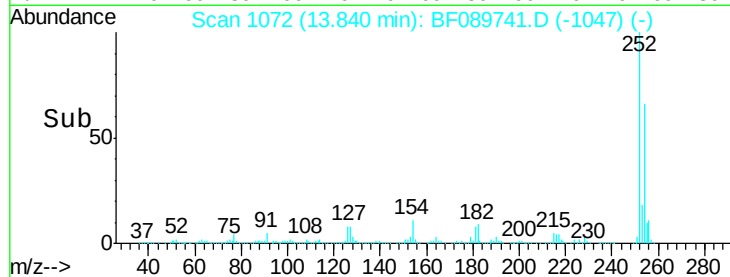
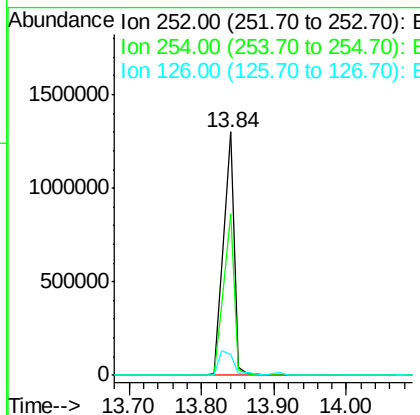
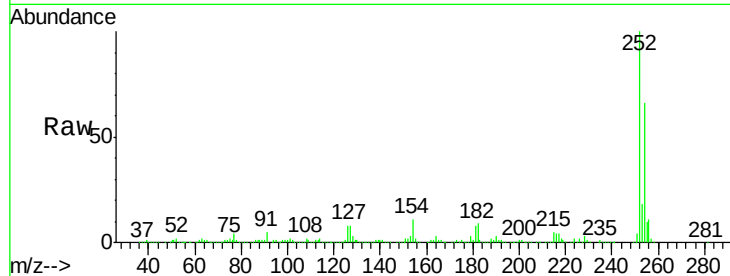
#81
 3,3'-Dichlorobenzidine
 Concen: 30.81 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.6	75.8
126	8.4	12.6	18.8

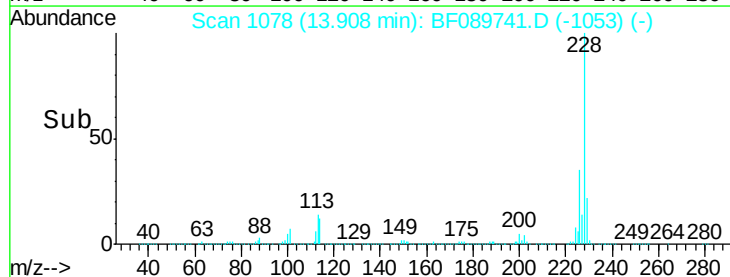
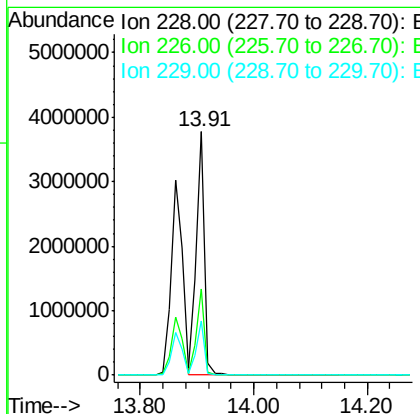
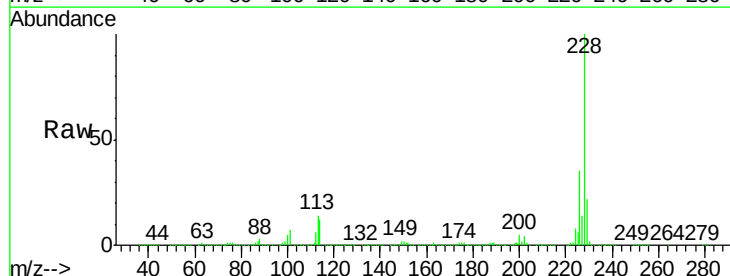
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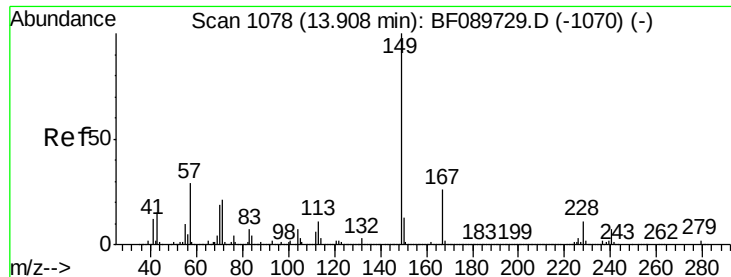
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#82
 Chrysene
 Concen: 35.00 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	25.4	38.0
229	22.1	16.5	24.7





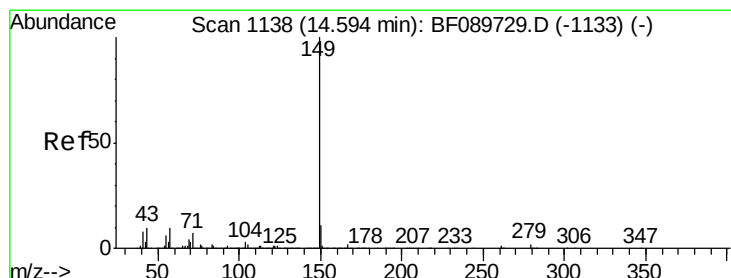
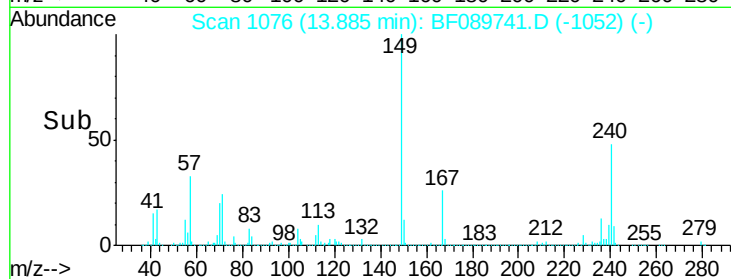
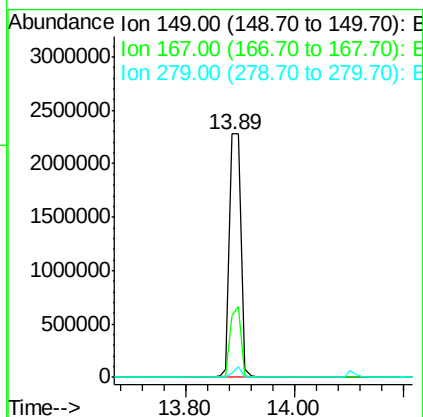
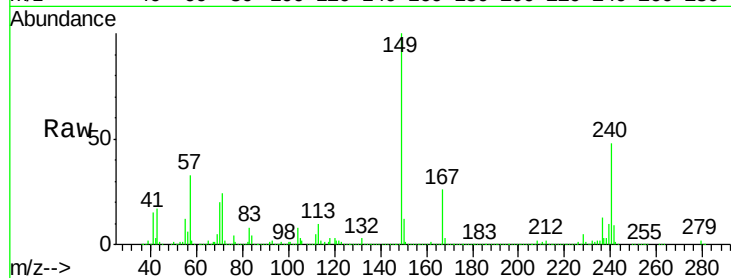
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.23 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.2	31.8
279	1.7	2.9	4.3

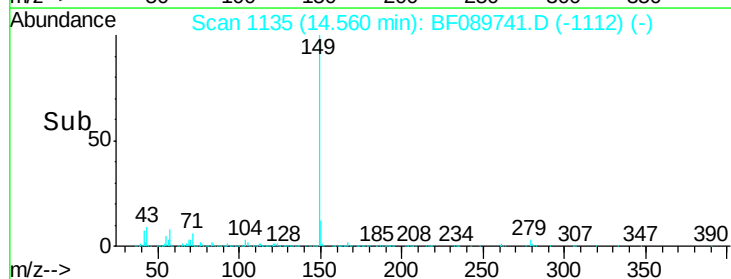
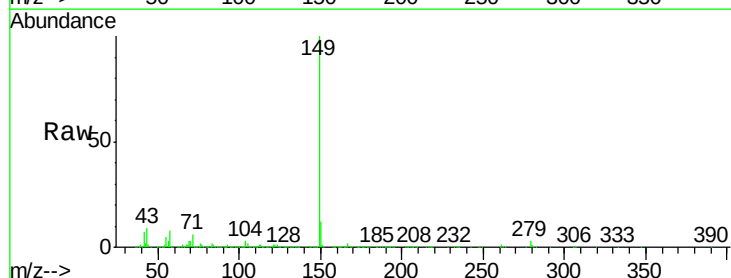
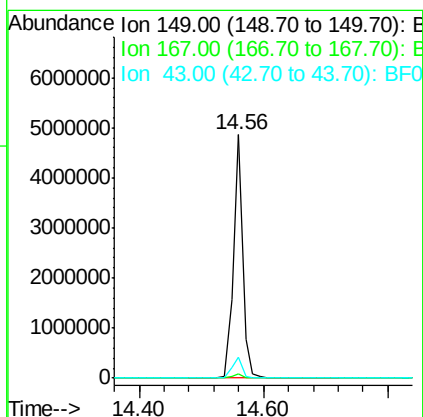
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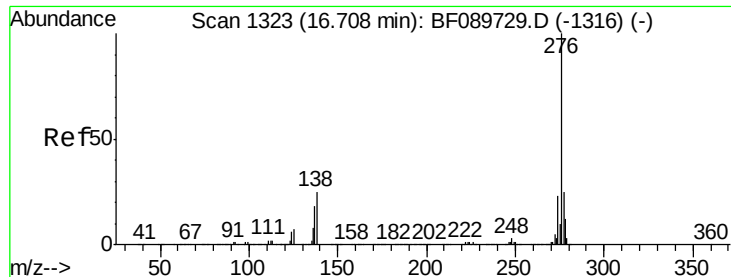
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#84
 Di-n-octyl phthalate
 Concen: 36.25 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.03 min
 Lab File: BF089741.D
 Acq: 17 Aug 2016 4:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.5	8.4	12.6





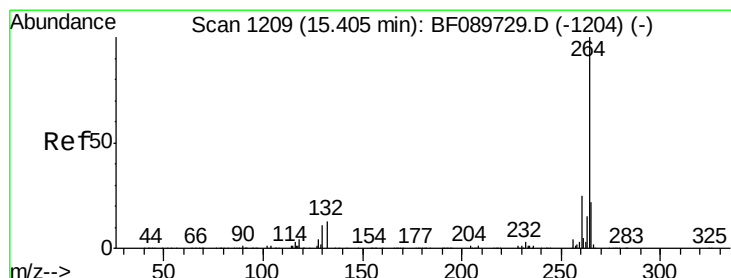
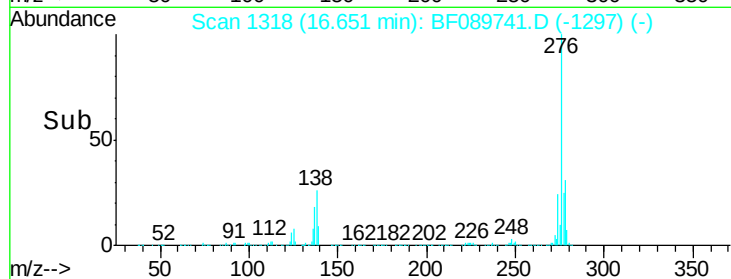
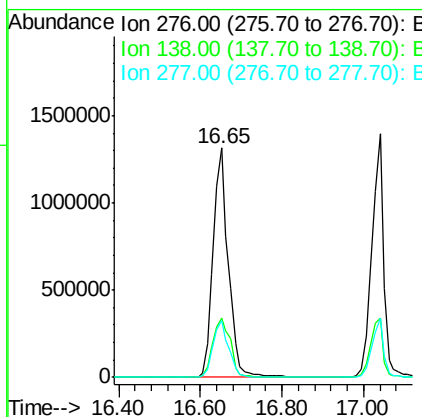
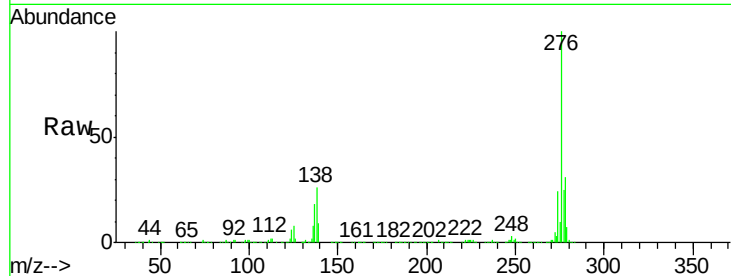
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.92 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion:276 Resp: 3410776
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
277 25.4 20.4 30.6

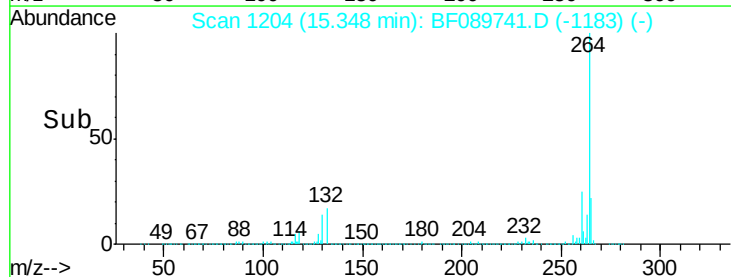
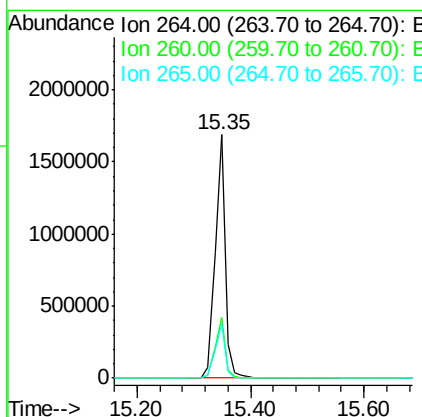
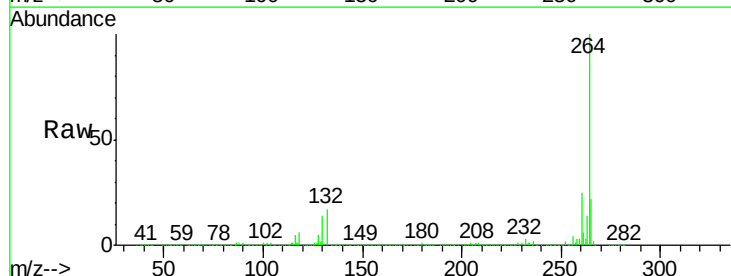
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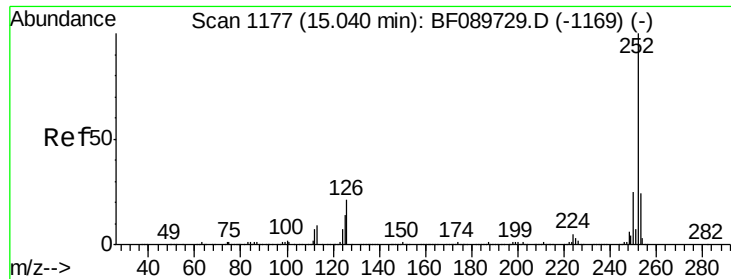
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.06 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion:264 Resp: 2039921
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.2
265 22.5 17.4 26.2





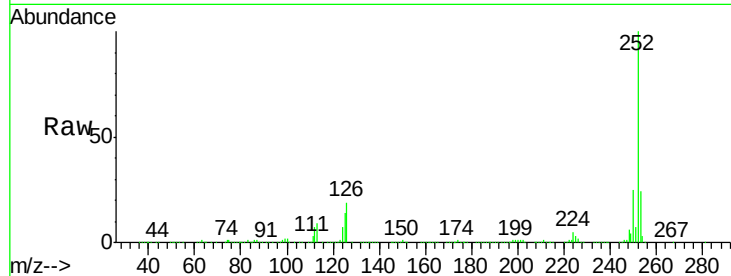
#87
Benzo(b)fluoranthene
Concen: 28.39 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

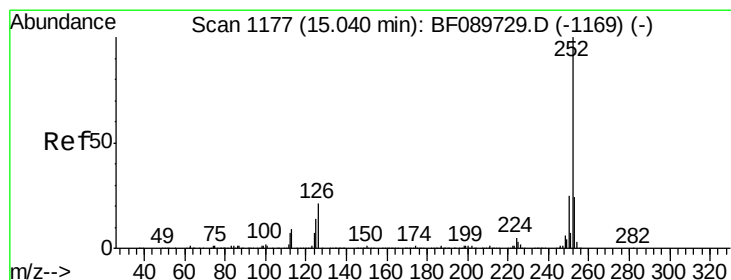
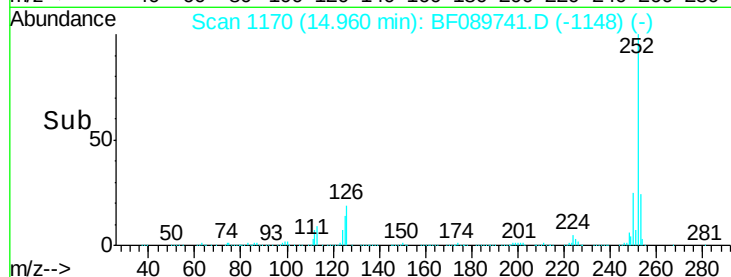
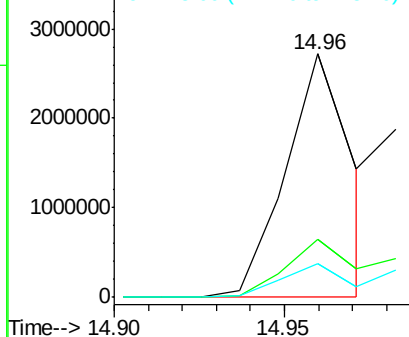
Tot Ion:252 Resp: 3670211
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 13.9 11.4 17.2

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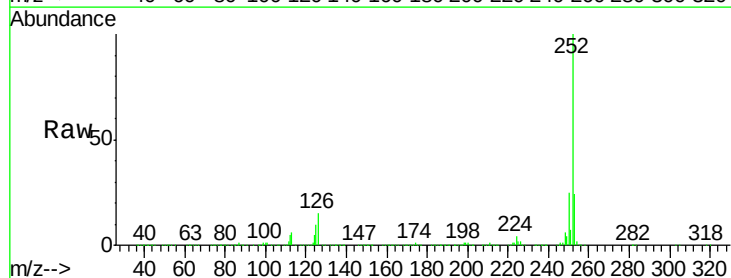


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

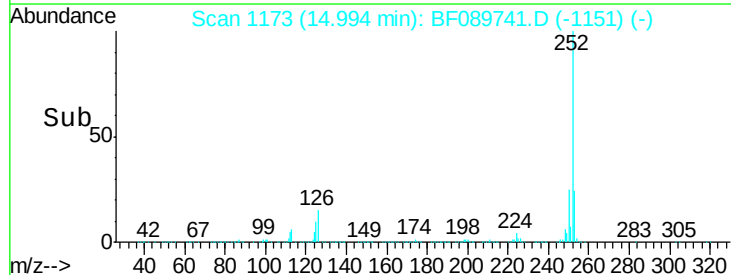
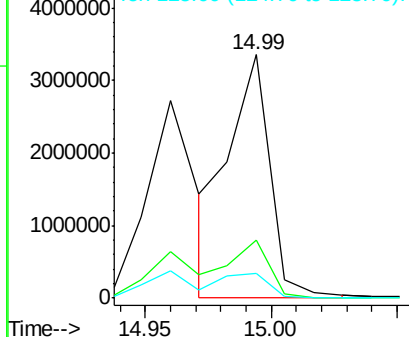


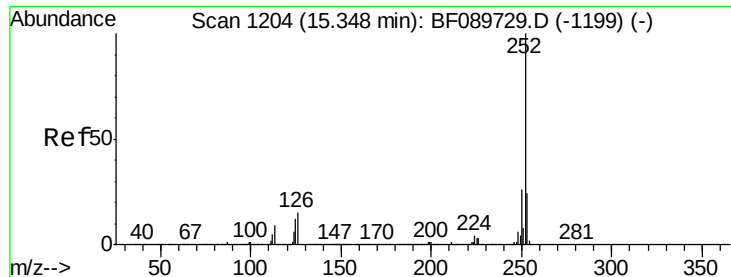
#88
Benzo(k)fluoranthene
Concen: 36.01 ng m
RT: 14.99 min Scan# 1173
Delta R.T. -0.05 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Tgt Ion:252 Resp: 3831137
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 10.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





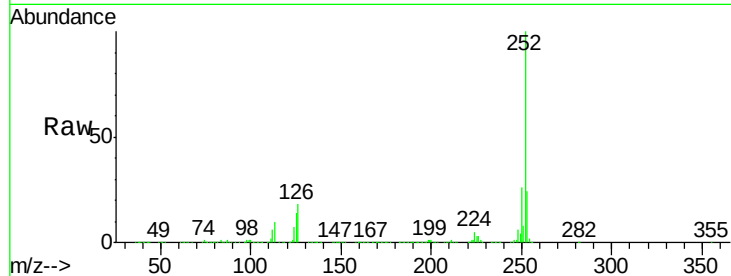
#89
Benzo(a)pyrene
Concen: 32.78 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.06 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	13.5	11.7	17.5

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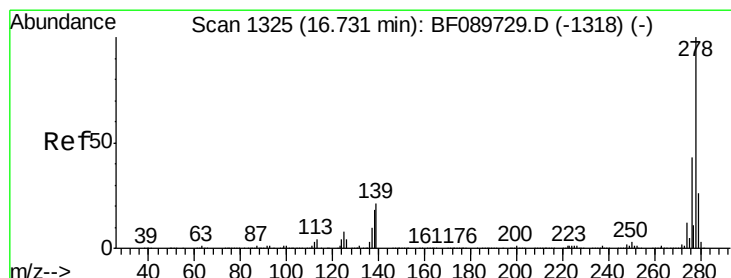
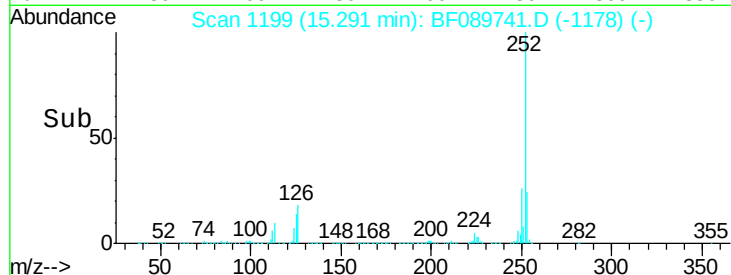
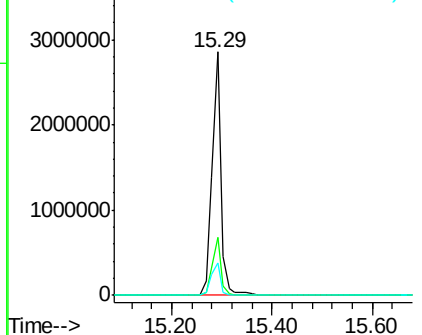


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 33.81 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.06 min
Lab File: BF089741.D
Acq: 17 Aug 2016 4:03

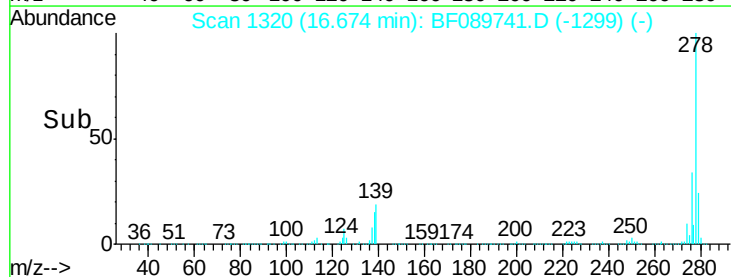
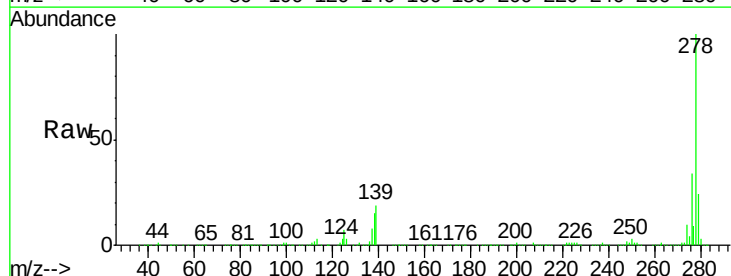
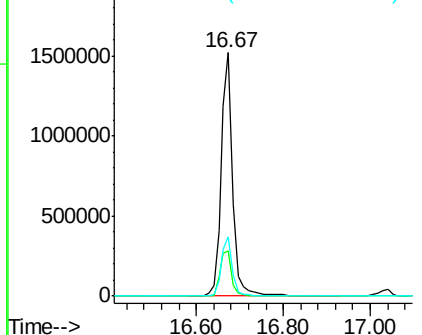
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.9	22.3
279	24.5	19.2	28.8

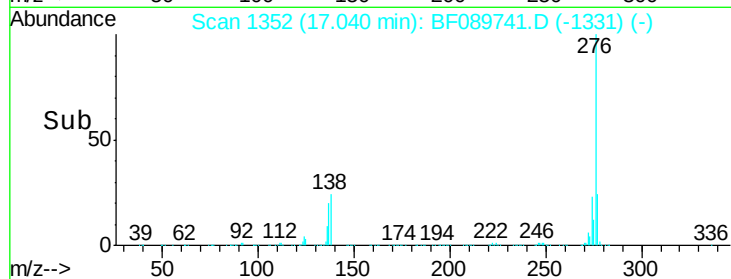
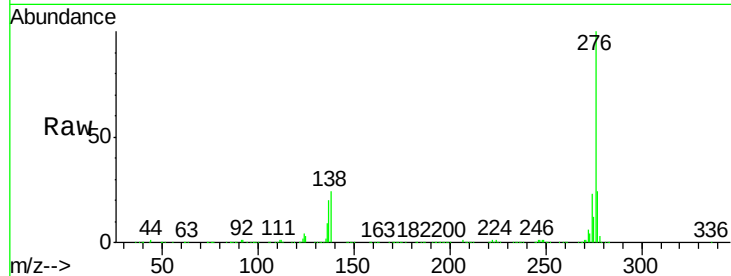
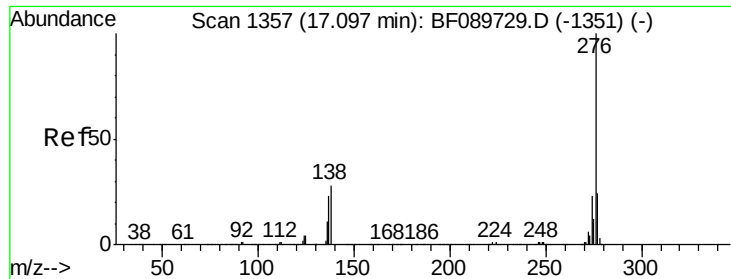
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.92 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.06 min

Lab File: BF089741.D

Acq: 17 Aug 2016 4:03

Tot Ion: 276 Resp: 2815351

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 24.3 22.1 33.1

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Manual Integrations

APPROVED

umangi

8/17/2016 6:43:08 PM

